

E-Tender document for <u>Mobile access equipment Maintenance</u> and <u>Mobile infrastructure maintenance</u> at GSM/Node-B sites in Chennai Telephones including rural areas of Chengalpattu, Kancheepuram & Tiruvallur District through E-tendering.

TENDER No: DGM NWA CM/E-Tender/BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020

Single stage bid submission

Two stage opening –(Technical & Financial Bid)

O/o DEPUTY GENERAL MANAGER, NWA-CM, BSNL CHTD 3rd FLOOR, 238, RK Mutt Road RK NAGAR EXCHANGE BUILDING, Mandaveli, Chennai – 600 028

> Tel: 044-24642323 Fax: 044-2464 2333



BSNL-CHENNAI TELEPHONE DISTRICT

TENDER FORM

E-Tender for Mobile access equipment Maintenance and Mobile infrastructure maintenance at GSM/Node-B sites in Chennai Telephones including rural areas of Chengalpattu, Kancheepuram and Thiruvallur District through E-tendering.

TENDER No: DGM NWA CM/E-Tender/BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020

Cost of the Tender Form: Rs. 2360/-(Rs.2000 +GST 18%)

Bid security: Rs.6,25,306/-

Estimate value of tender :Rs.3,12,65,280/-

Tender forms Available in www.chennai.bsnl.co.in following "Link for E-tenders by Chennai Telephones".

Due Date & Time of Tender Opening: 14.30 Hrs of 30-03-2020

at

O/o DGM (NWA-CM), 3rd FLOOR, 238, RK Mutt Road RK NAGAR EXCHANGE BUILDING, Mandaveli, Chennai – 600 028

Visit us at: www.chennai.bsnl.co.in

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NOTICE INVITING TENDER

(Press Notice -shall not be part of NIT)

TENDER NO. DGM NWA CM/E-Tender/BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020

BSNL Chennai Telephones invites

On line Bids for E- Mobile access equipment Maintenance and Mobile infrastructure maintenance at GSM/Node-B sites in Chennai Telephones UNDER THE JURISDICTION IN CHENNAI TELEPHONES INCLUDING RURAL AREAS OF CHENGALPATTU, KANCHEEPURAM AND TIRUVALLUR DISTRICT THROUGH E-TENDERING

Last Date for Submission of Tender 30-03-2020 by 14.00 Hrs

Tender forms Available www.chennai.bsnl.co.infollowing "Link for E-tenders by Chennai Telephones" https://www.tenderwizard.com/BSNLfrom: 14:00 hrs of 07.03.2020 to 14:00 hrs of 30.03.2020

For further details, visit our website: www.chennai.bsnl.co.in following "Link for E-tenders by Chennai Telephones" https://www.tenderwizard.com/BSNL

TENDER NO. DGM NWA CM/E-Tender/BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020

Bharat Sanchar Nigam Limited (A Govt. of India Enterprise) O/o DGM (NWA), Chennai Telephones, 238, RK Mutt Road, Mandaveli, Chennai-28

NOTICE INVITING ON LINE TENDER

No: DGM (NWA-CM)/ E-Tender/Infrastructure BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020

The General Manager (NWO-CM), BSNL, Chennai Telephones on behalf of Bharat Sanchar Nigam Limited invites on line bids from interested, Eligible and experienced individuals /firms/ registered companies for Mobile access equipment Maintenance and Mobile infrastructure maintenance service at GSM/Node-B sites in Chennai Telephones UNDER THE JURISDICTION of CHENNAI TELEPHONES INCLUDING RURAL AREAS OF CHENGALPATTU, Kancheepuram and Tiruvallur District. The Prescribed E-Tender document may be obtained from www.chennai.bsnl.co.in following "Link for E-tenders by Chennai Telephones" https://www.tenderwizard.com/BSNL.

Bid Security and Cost of E-Tender document shall be drawn as DD from any of the Nationalized Bank/Scheduled Bank in favour of the AO(CASH), HQ,BSNL, Chennai Telephones payable at Chennai.

EMD : Rs 6,25,306/-

Last date of Receipt of E-Tender(offline): 14:00 Hrs of 30.03.2020

Date of opening of E-Tender (TOC) : 14: 30 Hrs of 30.03.2020

- 1. The application for E-Tender must be submitted in two sealed envelopes separately, superscribing
- one envelope as "Technical Bid for E-Tender for Mobile access equipment Maintenance and Mobile infrastructure maintenance CM WING" along with Bid security and
- Second Envelope as "Financial Bid for Mobile access equipment Maintenance and Mobile infrastructure maintenance – CM WING".
- Both the sealed envelopes should be placed in another sealed envelope superscribed "E-Tender for <u>Mobile access equipment Maintenance</u> and <u>Mobile infrastructure maintenance</u>-CM WING" and should be addressed to

DIVISIONAL ENGINEER (TENDER)

O/o DGM NWA-CM, 3rd Floor, GSM Section R K Nagar Telephone Exchange Building, No: 238, RK mutt road, Mandaveli, CHENNAI-600 028 Tel No: 2464 2323, Fax No. 24642333.

And submit in the drop box kept at O/o DGM NWA-CM, 3rd Floor, GSM Section R K Nagar Telephone Exchange Building, No: 238, RK mutt road, Mandaveli, CHENNAI-600 028.

The copy of E-Tender document can also be downloaded from the website www.chennai.bsnl.co.in following "Link for E-tenders by Chennai Telephones" The tender document for participating in E-tender shall be available for downloading from https://www.tenderwizard.com/BSNL :- from 07.03.2020/14.00 hrs up to 13.58 hrs/ 30.03.2020and submitted along with the cost of tender document and Bid security to the address mentioned above.

E-Tender document submitted without bid security and the cost of E-Tender document will summarily be rejected.

- 1.1 The General Manager -CM BSNL R.K.Mutt Road, Chennai Telephones reserves the right to reject any or all of the E-Tender without assigning any reason whatsoever.
- 2. Purchase of Tender Document: Copy of Tender document can be obtained by downloading it from the website www.chennai.bsnl.co.in following "Link for E-tenders by Chennai Telephones". The tender document for participating in E-tender shall be available for downloading from https://www.tenderwizard.com/BSNL:-from 07.03.2020/14.00 hrs up to 13.58 hrs/30.03.2020.

Bidders must register on the e-tender portal, if not already registered earlier and follow all instructions for participating in bidding for the tender.

- The bidders cannot participate in the tender without downloading official copy of the tender document.
 - The Tender document shall not be available for download after its closing date/time.
- 2.1 The bidders downloading the tender document are required to submit the tender fee amount through DD / Bankers cheque of an amount of Rs 2360/- along with the tender bid failing which the tender bid shall be left unopened/rejected. The DD/banker's cheque shall be drawn from any Nationalized/Scheduled bank in favor of AO(Cash), HQ, BSNL, Chennai Telephones and payable at Chennai.
- 2.2 BSNL, Chennai Telephone District has decided to use process of e-tendering for inviting this tender and thus the physical copy of the tender would not be sold.
- **3. Availability of tender document:**-The tender document shall be available for downloading from 14.00 hours of 07.03.2020 to 13.58 hours of 30.03.2020.

Note:. A pre bid meeting will be held on 13-03-2020 at 14:30 hours at the office of the Deputy General Manager (NWA-CM), Chennai Telephones, 3rd floor RK nagar Tel ExghBulding,238RK mutt road, Chennai 600 028 to clarify the doubts if any and to answer questions on any relevant matter that may be raised at that stage. A prospective bidder requiring any clarification on the Bid Documents shall submit his queries in writing or by FAX to the Purchaser's mailing address indicated in the invitation of Bid. The Purchaser shall respond in writing to any request for the clarification of the Bid Documents, which it receives on or before 14:00 hrs of 13-03-2020. Clarifications by the Purchaser shall be uploaded as clarification to the concerned tenderers on ETS portal.

3.1. Date & Time of Submission of Tender bid:

- i) Last Date/Time of submission of Bid Online: up to 13.59 Hrs on 30.03.2020
- ii) Last Date/Time of Submission of documents in hardcopy: up to 14.00 Hrs on 30.03.2020.

Note:-In case the date of submission (opening) of bid is declared to be a holiday, the date of submission (opening) of bid will get shifted automatically to next working day at the same scheduled time. Any change in bid opening date due to any other unavoidable reason will be intimated to all the bidders separately.

- **4.** Online opening of Tender Bids: at 14-30 Hours on 30.03.2020.
- **5. Place of opening of Tender bids:** BSNL has adopted e-tendering process which offers a unique facility for Public Online Tender Opening Event (TOE). BSNL's Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices.
- 6.However, if required, authorized representatives of bidders (i.e. Supplier organization) can attend the TOE at the O/o DGM NWA-CM, 3rd Floor, GSM Section, R K Nagar Telephone Exchange Building, No:238, RK mutt road, Mandeveli, CHENNAI-28,where BSNL's Tender Opening Officers would be conducting Public Online Tender Opening Event (TOE).
- 7. Tender bids received after due date& time will not be accepted.
- 8. Incomplete, ambiguous, Conditional, tender bids are liable to be rejected.
- **9**. GM(CM), CHTD reserves the right to accept or reject any or all tender bids without assigning any reason. He is not bound to accept the lowest tender.
- 10. The bidder shall furnish a declaration under his digital signature that no addition / deletion / corrections have been made in the downloaded tender document being submitted and it is identical to the tender document appearing on E-tender Portal (https://www.tenderwizard.com/BSNL).
- 11. In case of any correction/ addition/ alteration/ omission in the tender document, the tender bid shall be treated as non-responsive and shall be rejected summarily.
- 12. For further instructions regarding submission of bids online, the bidder shall visit the homepage of the portal (https://www.tenderwizard.com/BSNL).

Note: - All documents submitted in the bid offer should be preferably in English. In case the certificate viz experience, registration etc. is issued in any language other than English, the bidder shall attach an English translation of the same duly attested by the bidder & the translator to be true copy in addition to the relevant certificate.

All computer generated documents should be duly attested/ signed by the issuing organization.

13. Physical copy of the tender document would not be available for sale.

DIVISIONAL ENGINEER (TENDER)

O/o DGM NWA-CM, 3rd FLOOR, R K NAGAR TELEPHONE EXCHANGE BUILDING,
No:238,Rk Mutt Road, RK nagar, CHENNAI-28.

Instructions to Bidders and Terms & Conditions

1. Introduction

1.1.Bharat Sanchar Nigam Limited (BSNL), 100% owned by Government of India, with the dominant market share in the Wire line Telephony, Wireless Telephony, Broadband & Internet services besides other data services like MPLS- VPN, Leased circuits etc. BSNL is the largest Internet Service Provider (ISP) of India. As a leading telecom player, BSNL controls a wide range of telecom infrastructure such as Main Exchange Buildings, RSU Exchange Buildings, Transmission Centre Buildings, BTS sites, billing centre's, customer care centers...etc.

2. Purpose of the E-Tender

2.1. BSNL CHTD (from here on BSNL means Competent Authority floating the **E-Tender**) intends to invite on line rate bids from interested parties for <u>Mobile access equipment Maintenance</u> and <u>Mobile infrastructure maintenance service</u> at GSM/Node-B sites in Chennai Telephones under the jurisdiction of Chennai telephones including rural areas of Chengalpattu, Kancheepuram and Thiuvallur districts. After evaluation of on line item rate bids, agreements will be entered with the successful party for a period of one year, which can be extended further up to a period of one year or till the finalization of new tender in step of 6 months, as per performance and on mutually agreeable terms and conditions.

3. General requirement

3.1. BSNL CHTD intends to outsource Mobile access equipment Maintenance and Mobile infrastructure maintenance service as detailed in scope of work (Annexure-D) at <u>767</u> telecom sites in Chennai telephones including Chengalpattu SSA(Chengalpattu Kancheepuram and Thiruvallur districts). These services are required for different installations at different sites as per requirement (Annexure E). Bidders need to bid for the provision of services at all sites in a cluster.

3.2 Cancellation / Withdrawal of this E-tender

BSNL CHTD has all rights to cancel/terminate/withdraw this tender even at any stage of floating as well as
after finalization of tender / issue of work order / issued which is in currency, under prior intimation to
Bidder/successful bidder with maximum Two weeks of Time, where any/all clauses of
agreement(s)/assurance(s) of this e-tender shall become null and void. BSNL CHTD will not entertain any
loss if any arising in this regard.

4. Eligibility Requirements

- 4.1. The bidder must have a turnover of not less than **one crore** during each of the preceding 2 financial years.
 - However BSNL Reserves the right to relax the criteria of "turnover of not less than one crore during each of the preceding 2 financial years", provided the company satisfies all other technical eligibility requirements.
- 4.2. List of Documents to be submitted for eligibility requirement is mentioned in Para 10 of this document.
- 4.3 The Persons deployed should be physically fit to handle all the services mentioned in Annexure-D1 & Annexure-D2
- 4.4 Those bids techno-commercially qualified only will be considered for Price bid opening.

5. Financial Requirement

5.1. <u>BID Security</u>: The bidder must deposit Rs. **6,25,306**/-(Six lakhs twenty five thousand three hundred and six only) as Bid Security. The Bid Security shall be in the form of Demand Draft drawn in favour of AO(CASH), HQ, BSNL, Chennai Telephones, from any Nationalized/ Scheduled Bank and may be submitted in separate cover. "Bid Security does not carry interest".

The bid security may also be submitted in the form of Bank guarantee with validity of 210 days issued from any nationalized bank.

5.2. Performance security:

"All bidders (including MSEs who are registered with the designated MSME bodies like NSIC etc.) shall furnish performance security to the purchaser for an amount equal to 5% of value of Advance Purchase order/LOI (letter of intent) within 14 days from the date of issue of Advance purchase order/LOI by the purchaser".

Bidder shall submit the aforesaid Performance Bank Guarantee of the said amount or as BSNL CHTD may recommend from time to time. The performance Bank Guarantee should be valid for a period of two years and six months from the date of award of contract, without prejudice to other rights and remedies available to BSNL CHTD.

BSNL CHTD reserves the right to forfeit/adjust the said Performance Bank Guarantee in full or part or any sum due from the successful bidder to BSNL CHTD at any time. Successful bidder shall continue to be liable for balance if any. BSNL CHTD reserves the right to increase the amount of Performance Bank Guarantee at any time in its own discretion with respect to any/some/all such successful bidders.

5.3 The tender documents shall be issued to MSE bidders free of cost, provided the tendered item is listed in the Registration Certificate of MSE. A proof regarding current registration with the bodies such as District industries centre's or Khadi& Village industries commission or Khadi& Village industries Board or Coir Board or NSIC or Director of Handicrafts & Handloom or any other body specified by the Ministry of Micro, Small and Medium Enterprise have to be attached along with the bid. The enlistment certificate issued by the aforesaid bodies should be current and valid on the date of opening of bid.

The MSE registered with the bodies specified as in para above shall be given exemption from payment of bid security deposit provided the tendered item is listed in the Registration Certificate of MSE. A proof regarding current registration with the aforesaid bodies have to be attached along with the bid.

The successful bidder's security will be discharged upon the bidder's acceptance of the award of contract on furnishing the Performance Bank Guarantee in accordance with clause5.2.

The bid security of the unsuccessful bidder will be returned/ discharged as promptly as possible and within 30 days of finalization of the tender or expiry of the period of the bid validity prescribed by the purchaser.

- 5.4 The bid security may be forfeited -
- 5.4.1 If bidder withdraws his bid during the period of bid validity specified by the bidder in the bid form.
- 5.4.2 If the successful bidder fails
- (i) To sign the contract in accordance with clause 15
- (ii) To furnish performance bank guarantee in accordance with clause 5.2.

6. Responsibilities of Successful bidder

6.1. The successful bidder shall be responsible for provision of the maintenance services as per Annexure D, E at the site premises. The operation and maintenance work are classified by BSNL CHTD into two categories

(i) Mobile access equipment Maintenance (Annexure-D1)

- BTS/Node-B Alarm, outages monitoring and intimation to OMCR
- Air Filter cleaning in BTS/Node-B.
- Replacing the faulty cards/Modules with spare/repaired cards.
- Media –mini link/OFC failure, breakdown intimation.
- Restoration of EB supply failures
- RF antenna tilt/orientation, VSWR faults rectification, RF cable swap, Riggor activity.
- EMF sign boards, providing data for biennial submission.
- Birds nest, honey beehive clearing.
- Assistance in minor store handling etc.,
- Prompt action on receipt of instructions from concerned officers

(ii) Mobile infrastructure maintenance service(Annexure-D2).

- Ensuring prompt working of power plants
- Assistance in rectification of faults/alarms in site.
- First line maintenance of Power plant battery and any problem reported.
- Periodical checkups of power plant modules, load sharing, ensuring control card functioning.
- Tightening nut/bolts and screws, interconnections of supply from EB.
- Conducting battery backup test and maintaining battery sets,
- Cleaning, security and upkeep of all site equipments and tower surroundings bush cutting, etc.
- Check Free cooling systems, Running Diesel generator sets, Diesel filling

Annexure D lays out the services required at each type of site in detail.

- 6.2. The successful bidder's representatives shall be responsible for calling the concerned officer in charge for updating the status of the telecom site from the site. At any point if the successful bidder's representatives fail to do so, applicable minor/major penalty would be imposed as mentioned in Annexure-D for every instance of such negligence on their part.
- 6.3. For all telecom sites for which the contract has been given to the successful bidder, BSNL CHTD reserves the right to monitor the provision of services at any time through visits to the site. In case the service provided by the successful bidder is not found satisfactory, Penalty will be imposed and even can terminate the contract as mentioned in scope of work Annexure-D.
- 6.4 The successful bidder is solely responsible for any theft/burglary/damage of any items belongs to BSNL that occurs in site during the contract period. Also the revenue loss & expenditure that incurs due to theft /burglary/damage to any items of BSNL are claimable by BSNL by raising Demand note or will be deducted from the subsequent bills or be claimed from bank guarantee submitted.
- **6.5** Successful bidder shall be liable for all payments of wages, Salary, Bonus, PF etc to its employees & shall comply with all statutory laws, rules, relating to employment, wages, PF, ID, act etc. It is the successful bidders responsibility to make all payments of wages, Salary, PF, Bonus, etc., to its employees regularly by them without fail.

7. General Terms and Conditions:

7.1. Commercial Terms & Conditions

- 7.1.1. BSNL CHTD reserves the right to disqualify such bidders who have a record of not meeting contractual obligations against earlier contracts entered into with the BSNL.
- 7.1.2. The BSNL CHTD reserves the right to black list a bidder for a suitable period in case he fails to honour his bid without sufficient grounds.
- 7.1.3. The BSNL CHTD reserves the rights to counter offer price(s) against price(s) quoted by any bidder.
- 7.1.4. BSNL CHTD also reserves the right to award the work amongst more than one bidder.
- 7.1.5. Any clarification issued by BSNL CHTD, in response to query raised by prospective bidders shall form an integral part of bid documents and it may amount to amendment of relevant clauses of the bid documents.
- 7.1.6. The company reserves the right to change the terms of trade from time to time with notice period of 30 days.
- 7.1.7. The company reserves the right to withhold or delay the payment for the successful bidder in case of any pending disputes.
- 7.1.8. In the event of any question, dispute or difference arising under this agreement or in connection there-with (except as to the matters, the decision to which is specifically provided under this agreement), the same shall be referred to the sole arbitrator appointed by BSNL CHTD.
- 7.1.9. BSNL CHTD's decision will be final on all matters relating to the business and will be binding on the successful bidder.
- 7.1.10. It will be BSNL CHTD's endeavor to make the payment to the successful bidders as per the schedule, however this may stretch beyond the scheduled time only in case of delays in getting claims from the successful bidders or in case of incorrect claims.
- 7.1.11. The payment to the successful bidders will be made through a cheque, RTGS/ ECS after deducting applicable taxes.
- 7.1.12. All successful bidder's representatives will report to Competent Authority through the nodal officer appointed by Competent Authority..
- 7.1.13. All present, future & additional taxes /Levies/ duties etc. that may be levied by the govt. /Local authorities etc. will be borne by the successful bidders.
- 7.1.14. The successful bidder's representatives shall comply with all applicable laws, bye Laws, rules, regulations, orders, directions, notifications etc of the Govt./ Court/Tribunals and shall also comply with all directions issued by BSNL CHTD and provide BSNL CHTD with all information and cooperation that BSNL CHTD may reasonably require from time to time.
- 7.1.15. The successful bidder's representatives have to fully cooperate with BSNL CHTD to investigate any complaint from the public/staff.
- 7.1.16. The successful bidder shall ensure provision of necessary safety devices tools/ kits etc required for discharge of services as mentioned in Annexure D at his own cost and shall recoup the same from time to time.
- 7.1.17. Successful bidder shall be liable for all payments of wages, Salary, Bonus, PF etc to its employees & shall comply with all statutory laws, rules, relating to employment, wages, PF, ID, act etc. It is the successful bidders responsibility to make all payments of wages, Salary, PF, Bonus, etc., to its employees regularly by them without fail.
- 7.1.18. The Successful bidder shall be liable for any theft, sabotage etc. of BSNL CHTD property and the damages/losses if any will be recovered from the successful bidder. The successful bidder shall report any such incident to the site in charge immediately.
- 7.1.19. The Successful bidder agrees to protect, defend, indemnify and hold harmless to BSNL CHTD and its employees, officers, directors, agents or representatives from and against any and all liabilities,

damages, fines, penalties and costs (including legal costs and disbursements) arising from or relating to:

- (a) Any breach of any statute, regulation, direction, orders or standards from any governmental body, agency, telecommunications operator or regulator Applicable to such party; or
- b) Any breach of the terms and conditions in this agreement by Successful bidder This clause shall survive even on the termination or expiry of this agreement.
- 7.1.20. BSNL CHTD Shall not be liable for any act of commission or omission of any third party.
- 7.1.21. The Successful bidder's representatives will have to abide by the policy rules, regulations &instructions of BSNL CHTD as revised/modified from time to time, without any prior notice to the Successful bidder in respect of all matters including security deposit / PBG, payment to the successful bidder etc.
- 7.1.22. The Successful bidder will be bound by all the aspects and legal issues relating to the labour laws.
- 7.1.23. Issue of Uniforms:-Successful bidder has to supply uniforms to their deployed Persons.
- 7.1.24 In some Sites the Diesel generator will be working under manual mode only. In these sites the successful bidder should ensure that whenever EB power goes down, the diesel generator should be made to run within 20 minutes.
- 7.1.25 Successful bidder should ensure that field persons deployed should not disturb any of the equipments/systems installed at the sites. Care must be taken by the successful bidder to ensure safety of all the equipments at the sites.
- 7.1.26 The successful bidder has to re-assess the work and redeploy his resource in case of any deficiency when pointed out by BSNL to meet out the requirement. Successful bidder shall be responsible to have their own teams to perform the day-to-day works as per contract.
- 7.1.27 The successful bidder should share the details of persons deployed for security reasons. In case any change of persons deployed it should be updated to the concerned cluster incharges. It will be the sole responsibility of successful bidder to verify the credential of persons deployed.
- 7.1.28 Successful bidder has to sign a non disclosure agreement/under taking as per proforma at the time of conveying willingness and acceptance.
- 7.1.29 Passwords/locking systems on any of the equipments at sites set by BSNL officers should not be changed by successful bidders representative without the approval of concerned BSNL officer.
- 7.1.30 successful bidder has to make arrangement in the Rural exchange sites under CFA cluster- 2 (Annexure-E) for monitoring the working status of available infrastructure equipments and ensure alarm to be made functional.
- 7.1.31 The bidder should have valid Goods and Services Tax Registration Certificate N0(s). or mention as Unregistered dealer Or exemption certificate No.
 - (a) GSTIN registration number(s), which need to be quoted mandatorily. In case of multiple GST numbers, all the numbers can be provided as Annexure.
 - (b)Bidder should submit a self-declaration along with the evidence that the bidder is not black listed by GST authorities.
 - (c) In case the supplier gets black-listed during the tenure of BSNL contract, then adequate indemnity clause should be inserted to ensure that no loss of Input Tax credit is borne by BSNL due to a default of supplier.
 - (d) GST on penalty amount is applicable and will be recovered from the bidder.
 - (e) Bidder should submit monthly bill through GST invoice as mentioned under clause 17.

8. E-Tender submission: E-Tender has to be submitted by the Bidders at following address:

DIVISIONAL ENGINEER (TENDER)

O/o DGM NWA-CM,

3rd floor, R K NAGAR TELEPHONE EXCHANGE BUILDING,

No:238 R K Mutt road, RK Nagar, Mandaveli, CHENNAI-600028.Tel No: 2474 0122 Fax No. 2471 0555

9. PROCEDURE FOR SUBMISSION OF E-Tender

- 9.1. The application for Expression of Interest must be submitted in two sealed envelopes separately, super scribing
- (i) one envelope as "Technical Bid for **E-Tender Mobile access equipment Maintenance and Mobile infrastructure maintenance CM WING**"_along with EMD and
- (ii) second Envelope as "Financial Bid for Mobile access equipment Maintenance and Mobile infrastructure maintenance CM WING".
- (iii) Both the sealed envelopes should be placed in another sealed envelope super scribed "E-Tender for Mobile access equipment Maintenance and Mobile infrastructure maintenance CM WING"

and should be addressed to the contact person indicated in clause8. Envelope containing Technical Bid must have the documents listed in Clause 10 whereas the envelope containing the <u>Financial Bid must have quoted</u> Price bid in the format specified in Annexure-F.

- 9.2. The **E-Tender** should be submitted in person or through an authorized representative. Outstation applicants can send their application of **E-Tender** by Registered Post / Speed Post / Courier.
- 9.3. The prescribed documents as per eligibility criterion should be submitted by successful bidder.
- 9.4. The bidder shall be intimated after evaluation of the bid.
- 9.5. Declaration regarding the close relatives working in BSNL should be submitted as per Annexure-C.

10. List of documents to be submitted along with E-Tender

- 10.1. Application form (Annexure-A)
- 10.2. Declaration regarding no close relative working in BSNL (Annexure-C)
- 10.3. GST registration
- 10.4. Copy of PAN certificate
- 10.5. EPF and ESI Registration number if any. Duly Attested
- 10.6 Vendor Master Form(Annexure-J)
- 10.7 Bidder's Profile and Questionnaire (Annexure-K)
- 10.8 Letter of Authorisation for Bid opening Event (Annexure-L)
- **10.9** The turnover of the company/successful bidder as required in eligibility criteria to be issued/certified by a Chartered Accountant along with latest audited annual reports of the company (ie. profit& loss statement, Balance sheet) and income tax clearance certificate for the <u>last two financial years</u>.
- 10.10 Proof of experience for having done similar works during the last two years in the form of certificate may be enclosed preferably for the period 2018-2019 and 2019-2020.
- 10.11. EMD the duly filled **E-Tender** must be accompanied with DD as per clause 5 above as EMD with bid security as per format at Annexure 'I', valid for 180 days from the date of **E-Tender** opening. A bid valid for a shorter valid period shall be rejected by the purchaser being non-responsive.EMD may also be submitted as

bank guarantee(BG). The validity of bid security furnished in the form of Bank Guarantee(BG) should be 30 days beyond the bid validity period.

- 10.12. Certificate of incorporation wherever applicable.
- 10.13. Article of Memorandum of Association of partnership deed or proprietorship deed as the case may be wherever required.
- 10.14. The authorization of the competent authority for signing the **E-Tender** document, bid, agreement etc. 10.15 Bidder shall furnish a clause-by-clause compliance on the BSNL's all terms and conditions of this bid (Tender document and addendum/clarifications if any). A bid without clause-by clause compliance (Annexure-H) shall not be considered for evaluation and will be summarily rejected.
- 10.16 For the purpose of compliance to be furnished pursuant to clause 10.14 above, the bidder shall sign on each and every page along-with the seal of the company
- 10.17 Document for Labour License.
- 10.18 Self declaration by the bidder/firm for not blacklisted by GST authorities and mentioning of multiple GST numbers if available.

A check list in Annexure-R may be referred for other documents.

11. Evaluation Criteria

11.1.The Evaluation will be based on Basic Rate quoted per site in financial bid of annexure –F excluding all taxes. Further the successful bidder has to quote the total cost for the services as per Annexure-F.

645 sites as mentioned in CM-cluster in Annexure-E and 60 sites as mentioned in CFA-cluster1 in Annexure-E put together 705 sites in total to be quoted in Annexure-F. The quoted rate per site for this 705 site will be referred as basic rate per site.

The basic rate per site for 62 sites(under CFA-cluster-2 in Annexure E) will be taken as 50% of the basic rate quoted per site in Annexure F.

Note:

- i)Price Bids guoted in any other form like %, Nil or symbols etc will be rejected.
- ii) The bidder has to quote rates in Indian currency i.e rupee for per site as in Annexure F.
- **iii)** After awarding of the contract, BSNL CHTD reserves the right to add/delete sites where the services are required.
- iv)The rates quoted in Annexure F will be used to determine the payments to be made to the successful bidder, with post changes in sites, etc.

12. Rights

- 12..1. BSNL CHTD reserves the right to reject any application/ **E-Tender** for any reason, without assigning any reason and liability, the information provided by the successful bidder gathered by BSNL CHTD shall become BSNL CHTD's property even if application is rejected and can be used by BSNL CHTD in any manner, it deem fit.
- 12.2. The **E-Tender** can be modified/ withdrawn/Terminate at any time without any information or notice to anyone.
- 12.3. The decision of BSNL CHTD will be final and binding on all the bidders.

- 12.4 The BSNL shall have the right to e-reverse the price bid after opening of the financial bid in case the rate quoted by the lowest bidder found to be abnormally very low / high. in case e-reverse option not available in Portal then BSNL reserves the right to Manual negotiation is applicable.
- **12.5** BSNL reserves the **right to disqualify** such bidders who have a record of not meeting contractual obligations against earlier contract entered into with BSNL and **blacklist such bidder** for a suitable period in case they fail to honour their bid without sufficient reasons.

13. Distribution of Quantity

The work will be awarded to the lowest bidder only. However BSNL may award the work to more than one bidder also. In this case BSNL proposes to limit the maximum number of selected bidders up to three only.

BSNL is having full discretion to distribute the sites among the successful bidders based on the the geographical area and based on cluster formed and as guided in the below table. The discretion of BSNL is final and non-negotiable In this regard.

During the entire contract period in case increase or decrease of quantity of sites allotted in the geographical area/cluster occurs, the bidder cannot claim for the actual distribution ratio as defined in below table or as per the awarded ratio, since the award of sites and billing has to be maintained clusterwise, any addition or deletion of sites based on BSNL's requirement.

Table 1(A)(Without provisions for MSE Units)

No. of Bidders to be	Quantity allotted to the respective bidder					
approved (Col. 1)	(Col. 2)					
	H1 H2 H3 H4 H5 and so on					
One bidder	100% Nil Nil Nil Nil		Nil			
Two Bidders	60% 40% Nil Nil Nil			Nil		
Three Bidders	50 %	50 % 30 % 20 % Nil Nil				

Table 1(B) (With provisions for MSE Units)

-1-7 (1111111 protestions to this - 011111)							
No. of Bidders	Quantit	Quantity allotted to the respective bidder				Qty earmarked for	
to be approved			MSE bidder(s)				
(Col. 1)	L1	L1 L2 L3 L4 L5 and so on				(Col. 3)	
One bidder	80%	Nil	Nil	Nil	Nil	20 %	
Two Bidders	48%	32%	Nil	Nil	Nil	20%	
Three Bidders	40 %	24 %	16 %	Nil	Nil	20%	

Note 1(a):Table 1(B)shall be followed if the tender has provision for reservations for MSE units.

Note 1(b): In case of tenders like for Turnkey projects etc. where it is not feasible to award the work to more than one bidder, the provisions for MSEs shall not be made.

Note 2: If no eligible MSE bidders are available then aforesaid earmarked 20% quantity shall be dereserved & the allotted quantity for other general bidders will be restored to 100% and distribution shall be as per Table -1(A) above.

- Note 3: If L-1,L-2,L-3,etc happens to be MSE bidders then they will be given allotted quantity as per the applicable sub-column of column 2 of above table. In case, there are MSE bidders whose quoted price is within +15% of L-1 price then 20% reserved quantity shall be distributed amongst such MSE bidders.
 - (ii) In the event of any of the eligible bidder(s) not agreeing to supply the equipment or not being considered by BSNL for ordering the equipment, inter-se ranking of the bidders below the aforesaid bidder(s) will be recast to fill up the vacated slot(s). This will be done to ensure that the number of bidders on which order for supply of equipment to be placed remains same as specified in the tender.

Note4: Tentative allotment is provided at Page no-105 for reference. However the allotment schedule will be based on actual requirement at the time of finalization / award of tender.

14. RIGHT TO VARY QUANTUM OF WORK:-

- 14.1 BSNL shall have the right to increase or decrease the number of sites, up to 25% of the total requirement without any change in the unit price or other terms and conditions at the same time of awards of contract or during the operation of agreement.
- **14.2** BSNL shall have the right to increase or decrease the number of sites *during any month* due to closing of sites, shifting of sites, vacation of sites, addition of new sites etc.
- 14.3 BSNL also reserves the right for placement of additional order or up to 50% of the additional quantities of goods and services contained in this running tender/contract within a period of twelve months from the date of acceptance of first APO in the tender at the same rate or a rate negotiated (downwardly) with the existing venders considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc. and supplies to be obtained within delivery period scheduled a fresh.
- 14.4 In exceptional situation where the requirement is of an emergent nature and it is necessary to ensure continued supplies from the existing venders, the purchaser reserves the right to place repeat order up to 100% of the quantities of goods and services contained in the running tender/contract within a period of twelve months from the date of acceptance of first APO in the tender at the same rate or a rate negotiated (downwardly) with the existing venders considering the reasonability of rates based on prevailing market conditions and the impact of reduction in duties and taxes etc. Exceptional situation and emergent nature should be spelt out clearly detailing the justification as well as benefits accrued out of it and loss incurred in case this provision is not invoked and approved by the authority competent to accord administrative and financial approval for the procurement calculated on the basis of total procurement i.e. initial and proposed add on quantity

15. Agreement period

The successful bidder should sign the agreement for entering in to the contract as prescribed in Annexure-G. The agreement shall be valid for a period of one year and BSNL reserves the right to extend the duration of contract for further one year or till the finalization of new tender in steps of 6months, at the same rate and terms and conditions subject to satisfactory performance during the previous period by the successful

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bidder. This is subject to extension of the Performance Bank Guarantee of same amount or enhanced amount as per the discretion of BSNL CHTD, one month prior to the end of the agreement.

16. Work order:

- i) After award of contract to the Approved qualified bidders, the officer designated by the competent authority(DGM rank) shall issue the work orders for commencement of the work clusterwise.
- ii) In case of change in no. of sites the subsequent amendment of work order cluster wise will be issued by the designated officer by the competent authority(DGM rank).
- iii) The rates of L-1 approved by the BSNL shall be the rates at which work orders shall be placed by the BSNL on the other bidder, if the counter offer of the lowest bidder is accepted by other bidder as per the quantities mentioned above.

17. Payment Terms & Conditions:-

17.1.

- (a) The Successful bidder shall prepare a bill for the month in triplicate. It shall be responsibility of the controlling officer(SDE/JTO) to ensure that all the requirements are fulfilled at the time of certifying the bill. The counter signing authority (DE) shall check that all the documents mentioned below are invariably attached to the bill before countersigning.
- (b) Copy of work order issued by the competent authority
- (c) Cluster wise Work satisfactory report.
- (d) The attested copy of invoice number wise receipt towards payment of GST pertaining to the previous month if any.
- 17.2. Appropriate % of Income TAX will be deducted from the bill depending upon the statutory requirement 17.3. Payment will be made through ECS/NEFT/RTGS
- 17.4 Payment will be made against the count of sites cluster wise as mentioned in Annexure F. Bill has to be submitted to the cluster in charge(JTO/SDE) and counter signed by DE, DGM the bill will be forwarded for payment to the AO section of CM/CFA vertical as detailed below.
 - i) Bills for the sites under GM cluster-1 and CFA cluster-1 defined in Annexure-E will be forwarded to AO works COBA(Central office business areas.
 - ii) Bills for the sites under CFA cluster-2 defined in Annexure-E will be forwarded to AO works of concerned BA(Business areas under CFA are NBA/CBA/WBA/SBA).

The number of site counts in a cluster for billing will be arrived as follows:

Let number of sites on First day of the month is A

Let number of sites on Last day of the month is B

Number sites to be billed cluster wise at the end of the month is C=(A+B)/2, the rounded-of to nearest lower integer of C in this formula will be taken as final count of cluster wise site count for that month and eligible for billing.

E.g A=30, B=29, C=59/2=29.5 the C will be taken as 29only

This clause is added as the number of sites may vary during the contract period due to closing of sites, shifting of sites, vacation of sites, addition of new sites etc.

- 17.5 For claiming the payment following documents are to be submitted to the paying authority.
 - a) Invoice clearly indicating break up details of composite price i.e. Basic, Goods and Services Tax (GST), any

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other Duties and Taxes, Freight/Packing Charges, etc.

- b) Proof of payment of GST, if applicable.
- c) Timely uploading of correct and necessary information on GSTN portal is mandatory as prescribed in GST

Note:

- 1) If the supplier fails to furnish necessary supporting documents i.e. GST invoice / Customs invoices etc. and also fails to upload the information on GSTN in respect of the Duties/taxes for which input tax credit is available, the amount pertaining to such Duties/Taxes will be deducted from the payment due to the supplier.
- 2) Tax amount will be paid to the supplier only after supplier declares the details of the invoices in its return in GSTR 1 and GSTR-3 uploaded by the supplier and the same is reflected in GSTR-2A of BSNL on GSTN portal.
- 3) TDS/ TCS shall be deducted at the prescribed rate, if any (as the case may be).
- 4) BSNL can adjust/ forfeit Bank Guarantee obtained from the supplier against any loss of input tax credit to BSNL on account of supplier's default.
- 5) In case BSNL has to pay GST on reverse charge basis, the supplier would not charge GST on its invoices. Further, the supplier undertakes to comply with the provisions of GST law as may be applicable.

18. Inspection

BSNL CHTD shall have the right to cause an examination of the work and the final bills of the successful bidder including all supporting vouchers, abstract etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the successful bidder under the contract or any work claimed by him to have been done by him under the contract and found not to have been executed, the successful bidder shall be liable to refund the amount of over payment and it shall be lawful for BSNL CHTD to recover the same from him through the PBG or future bills.

19. Power of Attorney

- (a) The power of Attorney shall be submitted and executed on the non-judicial stamp paper of appropriate value as prevailing in Tamilnadu State and the same be attested by a Notary public or registered before Sub-registrar of the Tamilnadu State.
- (b) The power of Attorney be executed by a person who has been authorized by the Board of Directors of the bidder in this regard, on behalf of the Company/ institution/ Corporate.
- (c) In case of the bidder being a firm, the said Power of Attorney shall be executed by all the partner(s) in favour of the said power of Attorney.
- (d) Attestation of the specimen signatures of authorized signatory by the Company's/ firm's bankers shall be furnished. Name, designation, phone number, mobile number, email address and postal address of the authorized signatory shall be furnished.

20 Arbitration:

Except and otherwise provided elsewhere in the contract, if any dispute, difference, question or disagreement arises between the parties hereto or their respective representatives or assignees, in connection with construction, meaning, operation, effect, interpretation of the contract or breach thereof which parties unable to settle mutually the same shall be referred to arbitration as provided hereunder:

- (a) A party wishing to commence arbitration proceeding shall revoke Arbitration Clause by giving 60 days notice to the designated officer of the other party. The notice invoking arbitration shall specify all the points of disputes with details of the amount claimed to be referred to arbitration at the time of invocation of arbitration and not thereafter. If the claim is in foreign currency, the claimant shall indicate its value in Indian Rupee for the purpose of constitution of the arbitral tribunal.
- (b) The number of the arbitrators and the appointing authority will be as under

Claim amount (excluding claim for counter claim, if any)	Number of arbitrator	Appointing Authority
Above Rs.5 lakhs to Rs.5 crores	Sole Arbitrator to be appointed from a panel of arbitrators of BSNL	BSNL (Note: BSNL will forward a list containing names of three empanelled arbitrators to the other party for selecting one from the list who will be appointed as sole arbitrator by BSNL)
Above Rs.5 crores	3 Arbitrators	One arbitrator by each party and the 3rd arbitrator, who shall be the presiding arbitrator, by the two arbitrators. BSNL will appoint its arbitrator from its panel.

- c) Neither party shall appoint its serving employee as arbitrator.
- d) If any of the arbitrators so appointed dies, resigns, becomes incapacitated or withdraws for any reason from the proceedings, it shall be lawful for the concerned party/arbitrators to appoint another person in his place in the same manner as aforesaid. Such person shall proceed with the reference from the stage where his predecessor had left it both parties consent for the same; otherwise, he shall proceed de novo.
- e) Parties agree that neither party shall be entitled for any pre-reference or pendentelite interest on its claims. Parties agree that any claim for such interest made by any party shall be void.
- f) Unless otherwise decided by the parties, Fast Track procedure as prescribed in Section 29 B of the Arbitration Conciliation Act, 1996 for resolution of all disputes shall be followed, where the claim amount is upto Rs.5 crores.

Fast track procedure:

- (1) Notwithstanding anything contained in this Act, the parties to an arbitration agreement, may, at any stage either before or at the time of appointment of the arbitral tribunal, agree in writing to have their dispute resolved by fast track procedure specified in sub-section(3).
- (2) The parties to the arbitration agreement, while agreeing for resolution of dispute by fast track procedure, may agree that the arbitral tribunal shall consist of a sole arbitrator who shall be chosen by the parties.
- (3) The arbitral tribunal shall follow the following procedure while conducting arbitration proceedings under sub-section (1):-
- (a) The arbitral tribunal shall decide the dispute on the basis of written pleadings, documents and submissions filed by the parties without oral hearing;
- (b) The arbitral tribunal shall have power to call for any further information or clarification from the parties in addition to the pleadings and documents filed by them:
- (c) An oral hearing may be held only, if, all the parties make a request or if the arbitral tribunal considers it necessary to have oral hearing for clarifying certain issues:
- (d) The arbitral tribunal may dispense with any technical formalities, if an oral hearing is held, and adopt such procedure as deemed appropriate for expeditious disposal of the case.
- (4) The award under this section shall be made within a period of six months from the date the arbitral tribunal enters upon the reference.
- (5) If the award is not made within the period specified in sub-section (4), the provisions of sub-sections (3) to (9) of section 29A shall apply to the proceedings.
- (6) The fees payable to the arbitrator and the manner of payment of the fees shall be such as may be agreed between the arbitrator and the parties.
- (7) The arbitral tribunal shall make and publish the award within time stipulated as under:

Amount of Claims and Counter Claims	Period for making and publishing of the award (counted from the date the arbitral tribunal enters upon the reference)
Upto Rs.5 crores	Within 6 months (Fast Track procedure)
Above Rs.5 crores	Within 12 months

- However, the above time limit can be extended by the Arbitrator for reasons to be recorded in writing with the consent of parties and in terms of provisions of the Act.
- (8) In case of arbitral tribunal of 3 arbitrators, each party shall be responsible to make arrangements for the travel and stay, etc. of the arbitrator appointed by it. Claimant shall also be responsible for making arrangements for travel/stay arrangements for the Presiding Arbitrator and the expenses incurred shall be shared equally by the parties.

In case of sole arbitrator, BSNL shall make all necessary arrangements for his travel/stay and the expenses incurred shall be shared equally by the parties.

(9) This contract is subject to the jurisdiction of courts at Chennai only.

21 Set Off (Recovery of sum due to BSNL):

- a) Any sum of money due and payable to the Service Provider (including security deposit refundable to him) under this contract may be appropriated by BSNL and set off the same against any claim of BSNL for payment of a sum of money arising out of this contract or under any other contract made by Service Provider with BSNL.
- b) In the event of said security deposit being insufficient, the balance of total amount recoverable, shall be deducted from any sum due to the Service Provider under this or any other contract with Bharat Sanchar Nigam Limited. Should this amount be insufficient to cover the said full amount recoverable, the Service Provider shall pay to Bharat Sanchar Nigam Limited on demand the balance amount, if any, due to Bharat Sanchar Nigam Limited within 30 days of such demand made by BSNL.
- c) If any amount due to the company is so set off against the said security deposit, the service provider shall have to make good the said amount so set off to bring the security deposit to the original value immediately by not later than 10 days.

22. Force majeure clause;

- 22.1 Force majeure shall mean any event or circumstances or combination of the events or events or circumstances that materially and adversely affect, prevent or delay any party in performance of its obligation in accordance with the terms of this agreement but only if and to the extent such events and circumstances are within the affected parties reasonable, control, directly or indirectly.
- 22.2 Force majeure events; the force majeure events shall consist of civil war, rebellion, civil commotion, mutiny, flood, tempest, earth quack or other unforeseen forces of the nature or act of god or due to any restrained or regulation or change in the statute, policy of the state or central govt. like expropriation or compulsory acquisition, exercise of the central and / or state got executive prerogative and court stay order.
- 22.3 In the event of a force majeure occurrence, the party invoking the force Majeure shall promptly notify the other party of such circumstances force majeure occurrence shall be suspend the parties obligations with respect to circumstances affected by the force majeure

SPECIAL INSTRUCTIONS TO BIDDERS FOR E-TENDERING

General

E-Tendering is a new methodology for conducting Public Procurement in a transparent and secured manner. Suppliers/ Vendors will be the biggest beneficiaries of this new system of procurement.

For conducting electronic tendering, CHTD has decided to use the portal (https://www.tenderwizard.com/bSNL) through ITI, a Government of India Undertaking.

Benefits to Suppliers are outlined on the Home-page of the portal. Submission of Bids through online process is mandatory for this Tender.

Government of India Undertaking. Benefits to suppliers / service providers are outlined on the Homepage of the portal. Those suppliers/service providers not registered on the website mentioned above, are required to get registered beforehand. The intending bidder must read the terms and conditions of this tender carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. The BSNL, Chennai Telephones reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified bidders to any number as deemed suitable by it, if too many bids are received satisfying the laid down criteria.

INSTRUCTIONS

Information and instructions for bidders posted on website www.tenderwizard.com/BSNL shall form part of bid document. If not registered, the intending tenderers shall get themselves registered with M/s ITI Limited, as per instructions on their web site, by paying applicable fee as per Govt. of India ruling.

1. Tender Bidding Methodology:

Sealed Bid System -single stage submission &Two Stage- Using Two Envelopes',

In case of two envelope system Financial & Techno-commercial bids shall be submitted by the bidder at the same time.

- 2. Broad outline of activities from Bidders prospective:
- 1. Procure a Digital Signature Certificate (DSC)
- 2. Register on Electronic Tendering System® (ETS) of https://www.tenderwizard.com/BSNL
- 3. Create Users and assign roles on ETS
- 4. View Notice Inviting Tender (NIT) on ETS
- 5. Download Official Copy of Tender Documents from ETS
- 6. Clarification to Tender Documents on ETS
- Query to BSNL (Optional)
- View response to queries posted by BSNL
- 7. Bid-Submission on ETS
- 8. Attend Public Online Tender Opening Event (TOE) on ETS
- Opening of Technical-Part
- 9. Post-TOE Clarification on ETS (Optional)
- Respond to BSNL's Post-TOE queries.
- 10. Attend Public Online Tender Opening Event (TOE) on ETS
- Opening of Financial-Part

(Only for Technical Responsive Bidders)

For participating in this tender online, the following instructions are to be read carefully.

3. Digital Certificates

For integrity of data and authenticity/ non-repudiation of electronic records, and to be compliant with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC). also referred to as Digital Signature Certificate (DSC), of Class 2 or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer http://www.cca.gov.in].

4. Registration and Training

To use the Electronic Tender portal (https://www.tenderwizard.com/BSNL) vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons who will be the main person coordinating for the e-tendering activities. In ETS terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and click on the 'Supplier Organization' link under 'Registration' (on the Home Page), and follow further instructions as given on the site.

Pay Annual Registration Fee as applicable.

Note: After successful submission of Registration details and Annual Registration Fee, please contact Tender wizard Helpdesk (as given below), to get your registration accepted/activated.

IT wizard 's Helpdesk

Telephone/ Mobile - 9894191904/ 9941947400[between 9:30 hrs to 18:00 hrs on working days]

E-mail ID - bsnltwhelpdesk@gmail.com, twhelpdesk679@gmail.com, twhelpdesk438@gmail.com

BSNL Contact

BSNL's Contact Person-1,DE(TENDER), Phone Number - 044-24740120 FAX Number 044-2464 2333 Email id:-derfnomcr@gmail.com

[between 10:00 hrs to 17:30 hrs on working days]

BSNL's Contact Person-2, *SDE GSM(Tender)*, Email id:-sdebsstenderkkn@gmail.com

Telephone no. 044-24740122 between 10:00 hrs to 17:30 hrs on working days

5. Some Bidding related Information for this Tender (Sealed Bid)

The entire bid-submission would be online on Tender wizard portal. Broad outline of offline submissions are as follows:

Submission of Bid Security/ Earnest Money Deposit (EMD)

Submission of digitally signed copy of Tender Documents / Addendum

Two Electronic Envelopes containing

i. Technical BID for E-Tender-Part

ii. Financial Bid for E-Tender-Part

Bidders are requested to ensure uploading scanned copies of EMD, EMBG/ MSME, EPF, ESI Financial proof for 2 previous yrs and Experience certificates in the online mode even though the same was submitted in the offline mode.

6. Offline Submissions:

The bidder is requested to submit the following documents- one original set of Eligibility bid ,technical_bid and financial bids in separate covers offline to

DIVISIONAL ENGINEER (TENDER)

O/o DGM NWA-CM,

3rd FLOOR, R K NAGAR TELEPHONE EXCHANGE BUILDING,

No:238, RK mutt ROAD, RK Nagar Mandaveli, CHENNAI-600028.

Tel No: 2474 0122, Fax No. 2464 2333

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on or before the date & time of submission of bids specified in covering letter of this tender document, in a Sealed Envelope. The envelope shall bear (Name of the Work), the tender number and the words 'DO NOT OPEN BEFORE' (due date &time) as mentioned in the Clause 10 of E-Tender document.

Note: The Bidder has to upload the Scanned copy of all above said original documents as Bid-Annexure during Online Bid-Submission.

7. Special Note on Security of Bids

Security related functionality has been rigorously implemented in ETS in a multidimensional manner. Starting with 'Acceptance of Registration by the Service Provider', provision for security has been made at various stages in Electronic Tender's software. Specifically for Bid Submission, some security related aspects are outlined below:

As part of the Electronic Encrypted functionality, the contents of both the 'Electronic Forms' and the 'Main-Bid' are securely encrypted using a Password created by the server itself. The Pass-word is more difficult to break. This method of bid-encryption does not have the security and data-integrity related vulnerabilities which are inherent in e-tender in systems which use Public-Key of the specified officer of a Buyer organization for bid-encryption. Bid-encryption in ETS is such that the Bids cannot be decrypted before the Public Online Tender Opening Event (TOE), even if there is connivance between the concerned tender-opening officers of the Buyer organization and the personnel of e-tendering service provider.

8. Public Online Tender Opening Event (TOE)

- ETS(www.tenderwizard.com/BSNL) offers a unique facility for 'Public Online Tender Opening Event (TOE)'.
 Tender Opening Officers as well as authorized representatives of bidders can attend the Public Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized are requested to carry a Laptop and Wireless Connectivity to Internet.
- Every legal requirement for a transparent and secure 'Public Online Tender Opening Event (TOE)' has been implemented on the portal. The work of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public Online Tender Opening Event (TOE)'.
- ETS(www.tenderwizard.com/BSNL) has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhance Transparency. Detailed instructions are given on relevant screens.
- ETS(www.tenderwizard.com/BSNL) has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/ Downloading'.
- There are many more facilities and features on ETS(www.tenderwizard.com/BSNL). For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

9.Important Note:

In case of internet related problem at a bidder's end, especially during 'critical events' such as a short period before bid-submission deadline, during e-auction, it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-Procurement/e-Auction service provider's end(in the server, leased line etc) due to which all the bidders face a problem during critical events, and this is brought to the notice of BSNL by the bidders in time, then BSNL will promptly re-schedule the affected event(s).

10. Other Instructions

For further instructions, the vendor should visit the home-page of the portal https://www.tenderwizard
.com/BSNL).

Important Note: It is strongly recommended that all authorized users of Supplier organizations should thoroughly peruse the information provided under the relevant links, and take appropriate action. This will prevent hiccups, and minimize teething problems during the use of ETS.

The following 'FOUR KEY INSTRUCTIONS for BIDDERS' must be assiduously adhered to:

- 1. Obtain individual Digital Signing Certificate (DSC or DC) well in advance of your first tender submission deadline on ETS
- 2. Register your organization on ETS well in advance of your first tender submission deadline on ETS.
- 3. Get your organization's concerned executives trained on ETS well in advance of your first tender submission deadline on ETS.
- 4. Submit your bids well in advance of tender submission deadline on ETS (At least one day before the deadline) (There could be last minute problems due to internet timeout, breakdown, etc).

While the first three instructions mentioned above are especially relevant to first-time users of ETS, the fourth instruction is relevant at all times.

11. Minimum Requirements at Bidders end

- > Computer System with good configuration (Min P IV, 1 GB RAM, Windows 7 OS)
- Broadband connectivity.
- ➤ Microsoft Internet Explorer 6.0 or above
- Digital Certificate(s)

E-reverse auction/ Limited tender option available with the portal, if required will be conducted after the opening of financial bids in case of more than one techno-commercially qualified bidders. However, in case of only one techno-commercially qualified bidder, the Tender Inviting authority reserves the right to go for manual negotiation, if service charges per site quoted by the bidder is on the higher side.

The BSNL shall have the right to e-reverse the price bid after opening of the financial bid in case the rate quoted by the lowest bidder found to be abnormally very low / high. In case e-reverse option not available in Portal then BSNL reserves the right to Manual negotiation is applicable.

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Annexure – A

Application Form to be submitted with E-Tender

Name of the Contactor	:
Address for correspondence	:
	ory of the successful bidder M/S, certify that I fully agree o-clauses of the E-Tender and annexure available with E-Tender .
(Signature of the authorized signatory)	
(With seal and contact numbers)	
Dated at	
	oid should sign all the pages of the E-Tender document consisting of ement and enclose the same with this Annexure.

Annexure – B

FORMAT OF THE PERFORMANCE BANK GUARANTEE

(To be typed on Rs.100/- non-judicial stamp paper)

Bank Guarant	ee in respec	t of LOI dated		be	tween Gen	eral Maı	nager(CM),	BSNL,	Chennai
Telephone	District	hereafter	called	BSNL	CHTD	and	M/s_		
				,	having	its	Registe	red	Office
at			(hereir	nafter call	ed SUCCES	SFUL BID	DER) has e	entered	into an
agreement dat	ed	(herei	nafter refe	erred to a	s "the said a	agreeme	nt") with G	eneral N	Manager
(CM), Bharat S	anchar Nigar	m Limited(A Go	vernment	of India	Enterprise)	Chenna	i Telephone	es havir	ng Circle
Office at ,238,	R.K.Mutt Ro	d, mandaveli, C	Chennai –	600028.,	whereby E	SNL CH	TD has agr	eed to	appoint
SUCCESSFUL B	IDDERs for pi	roviding BSNL (CHTD servi	ices on th	e terms an	d conditi	ons exclusi	vely me	entioned
therein for the	circle).						
~		the parties tha l only) shall be					vour of the	BSNL (CHTD for
due and		performance				and	conditions		
saidagreement	•						_Bank havir	ng its o	office at
(M/s), agreed	to give the gu	uarantee as her	einafter co	ontained:					
obligations the CHTD the said	rform the tenere-under, the sum of Rs ing BSNL CHT	rms and condit e Bank shall or /- (Rupees_ ID to have reco	ions of the demand	ne said ag and with lakh only)	reement of lout any ob or such les	has con jection of sser amo	mmitted an or demur p ount as BSN	y breaday to to the state of th	ch of its he BSNL demand
to pay to BSNL be entitled to v or has disputed	CHTD or as r withhold payı I the quantur	he BSNL CHTD egards the amoment on the grown of the amoun ER and BSNL CH	ount payab ound that t or that a	ole by the the SUCC iny arbitra	Bank unde ESSFUL BID ation procee	r this gua DER had	arantee. The disputed its	e Bank : s liabilit	shall not ty to pay
shall remain in agreement or extended eithe SUCCESSFUL BI	full force an the term of er pursuant t DDER and th	ee that the guade offect for the this guarantee to the provision e BSNLCHTD, the (six) months affects	e period of e whichevens in the s ne Bank sh	f thirty me er is late said Agre nall autom	onths from r. But if the ement or b natically ren	the date period mutua which mutua mutua mutua	of comments of the said agreemer seriod of the	ncemer d agree nt betw e Guara	ement is veen the antee for

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pay to the BSNL CHTD the said sum of Rs. /- (Rupees only) without BSNL CHTD demanding the payment of the above sum.
4. The Bank further agrees that the BSNL CHTD shall have the fullest liberty without the consent of the Bank and without affecting in any way the obligations hereunder to vary any of the terms and conditions of the said agreement or to extend the time for performance of the said agreement from any of the powers exercisable by BSNL CHTD against the SUCCESSFUL BIDDER and to forebear to enforce any of the terms and conditions relating to the said agreement and the Bank shall not be relieved from its liability by reason of such failure or extension being granted to SUCCESSFUL BIDDER or through any forbearance, act or omission on the part of BSNL CHTD or any indulgence by BSNL CHTD to SUCCESSFUL BIDDER or any other matter or thing whatsoever which under the law relating to sureties would but for this provision have the effect of relieving or discharging the guarantor.
5. The Bank further agrees that in case this Guarantee is required for a larger period and it is not extended by the Bank beyond the period specified above in Clause 3, the
Bank shall pay to BSNL CHTD without BSNL CHTD having to demand the payment of the said sum of Rs./ (in words Rupees
6. Notwithstanding anything herein contained;
The liability of the Bank under this guarantee is restricted to the BG Amount and it will remain in force for a period of 30 months.
(b) The guarantee shall stand completely discharged and all rights of the BSNL CHTD under this Guarantee shall be extinguished if no claim or demand is made on us in writing on or before
7. The Bank guarantees that the below mentioned officer who have signed it on behalf of the Bank have authority to give this guarantee under its delegated power. Place:
Date: (Signature of the Bank Officer)
Rubber stamp of the bank Authorized Power of Attorney Number:

Telephone Numbers

Annexure - C

(10 be sub	milited by all the Directo	rs of the Company)	
"I	s/o	r/o	here by certify that none of my
relative(s)	as defined under is/are	employed in BSNL unit for	which I am bidding. In case at any stage, it
found that	the information given	by me is false / incorrect, B	SNL shall have the absolute right to take any
action as d	leemed fit/without any p	rior intimation to me."	
The near re	elatives for this purpose	are defined as:-	
a) Membe	rs of a Hindu undivided f	amily.	
b) They are	e husband and wife.		
c) The one	e is related to the other	in the manner as father, m	other, son(s) & son's wife (daughter in law),

Daughter(s) and daughter's husband (son in law), brother(s) and brother's wife, sister(s)and sister's husband

Dated this ______ Day of ______ 2019

Format of Certificate regarding No close relatives working in BSNL

Signature:

(brother in law).

Annexure – D

Scope of work for out sourcing of BTS and Infra Maintenance work at BTS sites

1) Mobile Access Equipment Maintenance (BSNL /N - BSNL/ IP) ANNEXURE- D1

- i. All BTS related alarm need to be made functional and to be extended up to OMCR within three month. (Penalty of Rs 50 per day per site for one month).
- **ii.** Prompt action (within 1 hour in city and 12 hours in Rural) on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance in rectification of alarms/faults in site. In case of no action in accepted time line Penalty per hour at the rate of Rs 10 per hour per site).
- iii. Air filter cleaning in BTS/ Node B/ e-Node B, every month and entry in log book of site.
- iv. In case of BTS outages due to control card faults of BTSs / NODE-Bs /e-Node B fault, replace the fault items with the spare module /cards as per instructions of BSNL Site In charge.
- v. In case of Mini Link/ OFC failure, details of visual alarm noticed to be communicated to the maintenance In-charge.
- vi. For prolonged failure of Electricity as intimated by BSNL officer, Coordination for restoration of EB in consultation with BSNL Site/ IP In charge.
- vii. To check Earth Connectivity is available at BTS/ Node B/ e-Node B.
- viii. The field staff being deployed should be provided with 2 SIMs one of BSNL & other from private TSPs for communication when BTS site is down.
- ix. Any BSNL OFC breakdown en-route to be intimated to site in charge for prompt restoration of OFC fault.
- x. Site failure due to unsatisfactory support in Site upkeep activities which leads to prolonged outage for more than 12 hrs in urban area and 48 Hours in Rural area will be treated as major deviation and penalty @ Rs 50 per hour.
- xi. Up to 24 hrs of reporting of non-compliance related to above specific instance will be treated as 1 minor deviation and further non completion of activity in every 3 days will be treated as single instance.
- xii. Maintaining EMF related boards and help in providing data for Biennial submission of EMF Radiation.
- xiii. Antenna Orientation & Tilt as per requirement for optimization.

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- xiv. VSWR fault rectification per sector (includes re-connectorisation , jumper cable change & weather proofing etc)
- xv. Checking & correction of RF cable swap, antenna at RRH if any, removal of bird/honey bee/wasp nest.
- xvi. Any other activity with minor modification in RF as per guidance of BSNL.
- xvii. Non-completion of ordered rigger activity within 3 days of intimation will be taken as minor performance deviation. Every one week delay will be treated as one instance.
- xviii. Each Minor performance deviation will result in penalty of Rs 50 except in case the deviation is because of BSNL reasons.
- xix. Assistance in handling of minor store items.
- xx. Site wise capping of 12% is applicable in respect of minor performance deviations / site upkeep activities.
- xxi. Penalties being charged for Major Performance Deviations attributable to the bidder will be capped to 12% of the total contracted value for the services of the relevant invoice period.
- xxii. If the total penalties reaching the capping limit consecutively for three months, BSNL will have the right to terminate the contract of the concerned SSA without any further notice.
- xxiii. If any fraudulent activity by the personnel deployed is detected by BSNL authorized personnel/officer, then the bidder is liable to pay penalty as assessed by BSNL i.e. The cost of consequential damages to installation(s)/DG set(s) would be deducted at actual, from the service provider's bill. This will be over and above the other penalties and will not be subject to capping if any.
- xxiv. Any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from service provider.
- Any other miscellaneous work related to maintenance of BTS sites, assigned by the concerned Sub Divisional Engineer(BSS)/Junior Telecom Officer (BSS)/any BSNL officer in charge.

ANNEXURE- D2

2) Mobile Infrastructure Maintenance (N-BSNL Sites):-

- a. Ensure working of Power plant alarms with OMC-R. (Penalty of Rs 8 per day per site for one month)
- **b.** Prompt action (within 1 hour in city and 12 hours in Rural) on receipt of instructions (by call or by SMS) from concerned officer regarding manual assistance in rectification of alarms/faults in site. In case of no action in accepted time line (Penalty per hour at the rate of Rs 5 per hour per site)
- **c.** First line maintenance of power plants, battery and any problem reported. Any problem not reported within 3 days for urban area and beyond 10 days will attract penalty of Rs 2 per day per site for the days it has not reported.
- **d.** Periodically check-up power plant modules working, load sharing and ensuring sufficient Modules are available for Equipment in consultation with Site In charge and Charging of Battery.
- **e.** Tightening of all nuts /screws in interconnecting point of power cable from EB panel board to each equipment, once in three months.
- **f.** To ensure the control card is functioning properly so that battery do not go to deep discharge.
- **g.** In case of any Power Plant outages due to fault in control card intimation to be given to Site In charge for attending the same on priority.
- h. Conducting Battery Backup test with Existing Load at least in quarterly & record the same in Log Book.
- i. Faulty Card/ Units need to be deposited at designated centre as per requirement & collect repaired unit within 24 hours in urban and in 48 hours in rural areas and delay more than that will be counted as one instance of minor deviation and penalty @ of Rs 50 per day is to be charged.
- j. Replacement of the faulty modules with repaired Modules as per instructions of Site In charge within 24 hours in urban and in 48 hours in rural areas is mandatory and any delay resulting in downtime of equipment because of Non replacement of control card will be counted as major deviation and will be charged @ Rs 20 per hour.
- **k.** Bidder has to provide related testing equipments to discharge the functions listed.
- I. Cleaning, security and up keeping of the site including all equipment, tower surroundings, shelter/OD cabinet, DG etc. This includes bush cutting in the BTS sites in open areas. All tools & Cleaning material to be provided by the bidder.
- **m.** Routine check of free cooling systems available at site and DG set and other Equipments and record the same in log book as per the periodicity defined for the visit as per tender. Reporting of any alarms /faults /untoward incident to the concerned officer.
- **n.** Running of DG sets as required.

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- **o.** Assisting in Diesel filling in the DG Set available at the site.
- **p.** Up to 24 hrs of reporting of non-compliance related to above specific instance will be treated as 1 minor deviation and further non completion of activity in every 3 days will be treated as single instance.
- **q.** Site wise capping of 12% is applicable in respect of minor performance deviations / site upkeep activities.
- r. Penalties being charged for Major Performance Deviations attributable to the bidder will be capped to 12% of the total contracted value for the services of the relevant invoice period.
- **s.** If the total penalties reaching the capping limit consecutively for three months, BSNL will have the right to terminate the contract of the concerned SSA without any further notice.
- t. If any fraudulent activity by the personnel deployed is detected by BSNL authorized personnel/officer, then the bidder is liable to pay penalty as assessed by BSNL i.e. The cost of consequential damages to installation(s)/DG set(s) would be deducted at actual, from the service provider's bill. This will be over and above the other penalties and will not be subject to capping if any.
- **u.** Any tendered work not attended in time, BSNL will have the right to get it done from external resources and payment made to them will be recovered from SP.
- v. Any other miscellaneous work related to maintenance of BTS sites, assigned by the concerned Sub Divisional Engineer(BSS)/Junior Telecom Officer (BSS)/any BSNL officer in charge.

<u>Annexure – E</u>

CM Cluster 1

Mobile Access Equipment maintenance and mobile Infrastructure Maintenance (N BSNL sites under GM CM (refer Annexure D1 and Annexure D2)

Cluster name	No of Sites
SDEANR1	12
SDEANR2	33
SDEANR3	41
SDEANR4	4
SDEANR5	53
SDECPT1	58
SDECPT2	86
SDECPT3	46
SDEFBR2	38
SDEFBR3	25
SDERKN1	18
SDERKN2	43
SDERKN3	48
SDERKN7	35
SDETVR1	36
SDETVR2	24
SDETVR3	45
Grand Total	645

CFA cluster 1

Mobile Access Equipment maintenance and mobile Infrastructure Maintenance (BSNL sites under GM CM with Exchange (refer Annexure D1 And AnnexureD2)

GM AREA Rural exchanges clusterwise with GSM sites						
CFA Cluster	GMN	GMS	GMW	Total		
CNCHN016	4			4		
CNCHN038		2		2		
CNCHN039		1		1		
CNCHN040		13		13		
CNCHN041		4		4		
CNCHN042		5		5		
CNCHN051			4	4		
CNCHN052			5	5		
CNCHN053			6	6		
CNCHN054			9	9		
CNCHN055	7			7		
Grand Total	11	25	24	60		

CFA Cluster 2
Infrastructure Maintenance BSNL Exchange under CFA wing (refer Annexure D2)

CFA GM Cluster wise details of Exchanges without GSM sites						
Cluster details	GMN	GMS	GMW	Grand Total		
CNCHN016	4			4		
CNCHN038		1		1		
CNCHN039		2		2		
CNCHN040		1		1		
CNCHN041		6		6		
CNCHN042		11		11		
CNCHN051			10	10		
CNCHN052			9	9		
CNCHN053			10	10		
CNCHN054			6	6		
CNCHN055	2			2		
Grand Total	6	21	35	62		

Note:

Above mentioned cluster wise detailed site information is provided in Appendix-2.

ANNEXURE-F

FINANCIAL BID(duly filled in e-format)

S. NO	CATEGORY OF SITE	NO OF SITES	COST PER SITE PER MONTH (Rs.)	GST @ 18% (COL 4 x 18%)	Total Per Site (Incl. GST) in Rs. (COL 4 +	TOTAL FOR ALL THE SITE PER ANNUM (COL 6 x COL 3 x 12months) in Rs.
1	2	3	4	5	COL 5)	7
1	GSM sites (CM cluster1 and CFA cluster1)	705	3000	540	3540	=705X3540X12=Rs.2,99,48,400 /-

Evaluation will be done based on the basis of Rate quoted per site per month (excluding all taxes).

*Note:

- 1. The basic rate per site for 62 sites(CFA cluster-2 in Annexure E) will be taken as 50% of the basic rate quoted per site in above table.
- 2. Quoted price should be in Indian Rupee/paise only and not as a percentage of basic rate per site.
- 3. Quoted charges per site will remain fixed through the period of the contract, including the extension period for any addition/deletion of site.

ANNEXURE- G

AGREEMENT

By and in Between ______BSNL, Chennai Telephone District having

THIS AGREEMENT IS EXECUTED ON the/ 2020

office at 238, R.K.Mutt Road, Mandaveli, Chennai 600028.,and represented by General Manager-CM
(hereinafter referred to as the 'Party of First Part' which expression shall include the legally constituted
signatories, assigns, successors and officers duly empowered to execute such agreement) of the first part
empowered to execute this agreement.
And
having Address
at(hereinafter referred to as the Party of Second Part' of
Second Part which expression shall include the legally constituted signatories, assigns, successors and officers duly empowered to execute such agreement) of the second part through its empowered to execute this agreement.
Whereas the Party of First Part i.e. General Manager (CM), BSNL CHTD (A Govt. of India Enterprises) is and
Whereas the Party of First Part has established a high brand through quality services, marketing research publicity and public relation exercise in relation to telecommunication cellular telephony internet broadband and the said high reputation and goodwill so earned has been and continues to be unique in its area of operation.
Whereas the Party of First Part is running and operating Telecom Networks and due to increase in work pressure and increase in the scale of operations the party of first part intend to distribute non-core activities of general nature to the party of second part.
Whereas the Party of Second part desire to own responsibility of/for non-core activates and incidenta activities related to proper and suitable functioning of the Telecom Network Premises.
Whereas the Parties agree to that the title / heading / label / title / name / brand / trade-mark /trade-name / design / logo / drawing / blueprint / sign / signal / indication / style / mode in the name and style of "BSNL" shall be exclusive property of party of first part. All compliance of the relevant and applicable law and other statutory provision attracted under such transfer of non-core activities privilege, right from the party of first part to second part shall be responsibility and liability of the party of first part. And
Whereas the Parties agrees to that the title / heading / label / title / name / brand / trade-mark / trade-name / design / logo / drawing / blueprint / sign / signal / indication / style / mode in the name and style of "BSNL' shall be exclusive property of party of party of first part, eventually and the cost of such transfer shall be bear by the party of second part. And

Whereas, the transfer of non-core activities as enumerated in the scheme, is not of permanent nature and

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for a specific period only as defined in this agreement and within the provisions of applicable law and

Whereas the party of second part has offered to enter into the present agreement with the party of first part
for services to be rendered, inter alia, for Mobile access equipment Maintenance and Mobile infrastructure
maintenance service at GSM/Node-B sites in Chennai Telephones and other services which are as given in
Annexure D on the terms and conditions herein contained and the rates approved by the party of first
part

Whereas the party of second part has been duly accepted and necessary security deposits have been furnished in accordance with the tender document vide _____ and whereas no interest will be claimed on the security deposits

NOW THEREFORE IN CONSIDERATION OF MUTUAL COVENANTS PREMISES MADEHEREINAFTER PARTIES AGREES AS FOLLOWS:

1. Article 1: SHORT TITLE EXTENT AND COMMENCEMENT

1.1 This agreement shall be for the purpose of specify and arranging the non-core activities and operative schedule and bringing on record the duties in between the parties and also to record all the documents executed in between the parties inclusive of all the tenders, lease agreement, permits and any other document executed on this regard.

2. Article 2: DEFINITIONS

In this agreement, unless the context otherwise requires the following word means;

2.1 Agreement

The agreement executed between the parties and it includes other agreements also, in Furtherance of the subject/cause of this agreement.

2.2 Parties;

The Party of first Part and the Party of Second Part

2.2.1 Party of First Part means

And include the party of first part and the body corporate, its directors, shareholders, promoters.

2.2.2 Party of Second Part means

And include the party of second part and its legally constituted signatories, assigns, successors; officers duly empowered to execute the agreement;

2.3 E-Tender

The application and the document submitted by the party of the second part to the party of the first part showing his interest for entering into the agreement.

3. ARTICLE 3: PARTY OF FIRST PART PERMISSIONS

The Party of first part in order to carry out Non-core activities has given entire responsibilities and privileges subjects to terms and condition of this agreement to the party of second part.

3.1 Use of premises

- 3.1.1 The Party of First Part permits to the Party of Second Part, to use the said premises and activities incidental thereto; the same is executed in accordance with the terms and conditions as prescribed by the Party of first part.
- 3.1.2 The Party of First Part also permits to the Party of Second Part the privilege to use the premises only for the execution of the work only as assigned to the Party of Second Part.

3.2 Disclaimer

- 3.2.1 The Party of Second Part undertakes with the Party of First Part that at no time after the execution of this agreement for whatsoever cause, shall the Party of First Part make any claim to the premises or use of the fact having been Party of First Part in any relationship with 'BSNL' in the past, for any business gains,.
- 3.2.2 At the end of the agreement all the equipment and infrastructure support shall remain with party of first part, in case those equipments and infrastructure are owned by the part of the first part and provided by party of the first part to the party of the second part. The party of second part shall not claim any right over the equipments and infrastructure of the party of the first part.
- 3.3 Scope of rights of Party of Second Part;

The agreements permit the Party of Second Part the privilege executing non-core activities and activities incidental thereto, in relation to the agreed terms and condition in furtherance of business interest and public interest is indispensable. Party of Second Part understands that they are not authorized to any illegal activity or any such activity which is, in contravention to the general policy, statutory provision, rules, regulation as announced or declared or published by any competent authority. Party of Second Part further states that they acknowledge the duty and obligations of the Party of First Part as per the general policy, statutory provision, rules, regulation as announced or declared or published by any competent authority and undertake to fully co-operate with the Party of First Part.

- 3.4 Appointment of sub-'Agency' by Party of Second Part;
- 3.4.1 The Party of Second Part shall be entitled to allow any sub-'Agency' or to enter any agreement, arrangement with any other person with a view to delegating the responsibilities, rights and duties allowed to the Party of Second Part under this agreement or in respect of any other work assigned to the Party of Second Part in terms of this agreement. All the agreement by the party of second part shall be in their name and within the knowledge of the party of first part.
- 3.4.2 The Party of Second Part hereby agrees that during the tenure of this agreement it shall not misuse or allow any other person to misuse the premises of BSNL CHTD.
- 3.4.3 'Exclusion of Party of First Part's other premises, offices Trade name, design, copyright, goodwill etc.
- 3.5 Ministry of telecommunications Compliance

The Party of second part undertakes to comply with all the rules, regulations etc. as per the requirement of MTC issued from time to time in consonance with the party of first part. Failure of compliance of such statutory and mandatory compliance may give right to party of first part for redress of the grievances within the frame work of this agreement and also to initiate mechanism to settle at the cost of party of first part.

3.6 Ministry of labour Compliance

The Party of second part undertakes to comply with all the rules, regulations etc. as per the requirement of Ministry of labour issued from time to time in consonance with the party of first part. Failure of compliance of such statutory and mandatory compliance may give right to party of first part for redressal of the grievances within the frame work of this agreement and also to initiate mechanism to settle at the cost of responsible party.

4. Article 4. PARTY OF SECOND PART OBLIGATION

- 4.1 Equipment & infrastructure; The Party of Second Part may provide Tools and Equipments as per the requirement and need of efficient and effective execution of assigned work. And
- 4.2 The Party of Second Part shall not misuse or allow to be misused the premises and / or infrastructure of the premises therein through grant of lease, sub-lease, license or otherwise for doing any other business activities or work whether full time, part time or on any other basis.
- 4.3 'Maintenance of specified account/records'
- 4.3.1 The Party of Second Part shall maintain all specified records in the manner as per the GAAP or other relevant statutory provision, rules and regulations emanating there from. The Party of Second Part understands that the requirement to maintain all the said records in the particular specified formats is necessary for uniform and regulated function and proper calculation of revenue, cost, profit and other related derivatives to ascertain actual and factual position for various instrumentalities of the government.
- 4.3.2 In the event of this, if the Party of Second Part not maintains the specified records, the Party of Second Part agrees to pay / reimburse to the Party of First Part, the charges incurred by the Party of First Part in actually completing the same records or assisting the Party of Second Part in this regard. The Party of Second Part also undertakes to pay the said amount to the Party of First Part within fifteen days of issuance of the invoice.

4.4 Staff recruitment and selection

4.4.1 The Party of Second Part shall appoint any staff at the pay scale prescribed by the various relevant statutory provisions as prescribe by the relevant competent instrumentalities of the government. The Party of Second Part unambiguously understands that the staffs appointed by the Party of Second Part shall be the employees of the Party of Second Part only and Party of First Part shall have no liabilities / obligations towards them and the party of first part not in any manner exercises their control over the appointed staff in any manner.

- 4.4.2 The Party of Second Part shall be free to appoint other supporting staff on his own and shall be responsible for the any outcome of such appointment. Party of first part is not responsible for any such outcome.
- 4.4.3 The party of second part understands and undertakes that it will ensure compliance of all the labor and employment law rules and regulation and prepare an 'employment manual' to this effect within a reasonable time period taking care of all the laws, effective on that date and present a original copy for submission to the relevant authorities.
- 4.5 Scope of selection procedure, interview and training;

The Party of First Part reserves the right to decide the scope, location and dates of the selection process, final interview and training, if so required.

4.6 Reports and feed back

The parties mutually decide to exchange such reports and feedbacks for mutual benefits and proper implementation of this agreement.

- 4.7 Confidentiality and protection of premises property of The Party of Second Part undertakes;
- 4.7.1 Not to cause or permit anything, which may damage or endanger the property of the Party of the first Part and
- 4.7.2 To notify the Party of First Part about / of any suspected trespass intrusion/theft/damage of the property of the principal immediately after such detection and
- 4.7.3 To take reasonable action as decided mutually by the parties in relation to such encroachment of property right. And
- 4.7.4 On expiry or termination of the agreement forthwith stop the use of all property of the Party of First Part. And
- 4.7.5 Not to lend, sell, or otherwise give away any property or information about the Party of First Part, his business secrets, plans, services, programs, materials, manuals etc. to any third party at ant party during the tenure of the agreement or even after this agreement ceases to exist. And
- 4.7.6 Not to cause or permit to be caused any activity which may damage endanger the property rights or title of the Party of First Part.
- 4.7.7 Shall maintain all the records including duty roaster as per the requirement of Ministry of labour.
- 4.8 The Party of second part hereby undertakes to indemnify BSNL CHTD against all actions, suits, proceedings, claims, losses, damages etc., which may arise under Minimum Wages Act, Fatal Accident Act, Workmen Compensation Act, Shops & Establishment Act, Family Pension & Deposit Linked Insurance Scheme Contract Labour (Regulation and Abolition) Act 1970 or any other Act or statutes not herein specifically mentioned but having any direct or indirect application for the person(s) engaged under this contract by him.

- 4.9 The Party of second part shall defend, indemnify and hold BSNL CHTD harmless from any liability, which may be imposed by the Central, State or local authorities and also from all claims, suits arising out of or by reason of the work provided by this contract including any liability that may arise out of accident, whether brought by the employees of the Party of second part or by the third parties or by the Central or State Government authority or any sub-division thereof.
- 4.10BSNL CHTD shall not be responsible for any claim/compensation that may arise due to damages/injuries to the Party of second part's employee(s) under any circumstances while an employee(s) of the successful bidder is engaged in duty under the Contract.
- 4.11 (a) The Party of second part shall also be bound to discharge obligations as provided under various statutory enactment including the Employees Provident Fund &Miscellaneous Act, 1952, Employees' Pension Scheme, 1995, ESI Act 1948, Contract Labour (Regulation and abolition) Act, 1970, Minimum Wages Act 1948 by the Central Government, Payment of Wages Act 1936, Payment of Bonus Act, 1965, Payment of Gratuity Act, 1972, Workmen's compensation Act 1923, Works Contract Act, 1999 and other relevant Acts, Rules and Regulations in force and as amended from time to time and are in force in the State where the subject work under this Contract are executed.
- (c) The engagement and employment of labourers and payment of wages to them as per existing provisions of various labour laws and regulations is the sole responsibility of the Party of second part and any breach of such laws or regulations shall be deemed to be breach of this contract. BSNL CHTD may ask the successful bidder to produce documents to verify that these provisions/laws are complied with by the successful bidder.
- (d) All wages allied benefits such as leave, ESI, PF, Gratuity, Bonus etc, shall be paid by the Party of second part and BSNL shall not incur any liability or additional expenditure whatsoever for personnel deployed.
- (e) Party of second part shall be liable for making all payments of wages, Salary, Bonus, PF etc to its employees & shall comply with all statutory laws, rules, relating to employment, wages, PF, ID, act etc. It is the successful bidders responsibility to make all payments of wages, Salary, PF, Bonus, etc., to its employees regularly by them without fail.
- 4.12The Party of second part shall at his own cost and initiative take out and maintain at all times until the completion of the contract/lease period, insurance policies in respect of workmen engaged by him for providing services under this contract, in order to keep himself as well as BSNL CHTD/Lessee fully indemnified from and against all claims whatsoever including but not limited to those arising out of the provisions contained in Workmen's Compensation Act, 1923. Should the Successful bidder fail to take out and/or keep afoot insurance as provided for in the foregoing paragraph, BSNL/Lessee shall been titled (but without any obligation to do so) to take out and/or keep afoot such insurance at the cost and expense of the Successful bidder and without prejudice to any other rights or remedies of BSNL CHTD/Lessee in this behalf, to deduct the sum(s) incurred there of from any amounts due to the Successful bidder.
- 4.13Communication of the problems;

Any problem that may arise while executing this agreement must be communicated by the parties in writing by fax/e-mail/registered post immediate by the parties, respectively to their corporate head offices and any other Addresses provided by the parties.

4.14Maintenance of records

- 4.14.1 The Party of Second Part shall maintain a true and accurate record of all the cost of material, salaries and direct operating expenses related to the expenses and other incidental activities.
- 4.14.2 The Party of Second Part shall submit audited profit and loss account and balance sheets of its business to the competent authorities to the preceding financial year of operation within 30 days from the end of financial year and the Party of Second Part in compliance may seek assistances of party of first part to this effect.
- 4.14.3The Party of Second Part shall maintain any other record to ensure the interest of party of first part from time to time.
- 4.14.4The Party of Second Part shall maintain any other record to ensure the compliance of guidelines from time to time.

4.15Execution of non-core activities;

- 4.15.1The Party of Second Part agrees to spend a reasonably adequate amount as per the requirement, proper functioning, for the Execution of non-core activities.
- 4.15.2The Party of First Part agrees to work in tandem with the Party of second Part for Execution of non-core activities.
- 4.15.3The Party of Second Part agrees that the activity at ground level shall be the sole responsibility of the Party of Second Part

4.16Securities;

4.16.1The Party of Second Part undertakes to abide by the rules and regulation as decided by the parties for the physical protection of information, infrastructure and other related things.

4.17Code of conduct

Party of Second Part undertakes to ensure that the all staff and employee adhere to the standard code of conduct followed by the industry and to ensure this the party of second part appoints suitable and responsible person to supervise the proper implementation of such code, revised and amended up to date.

4.18 Membership, affiliations;

The Party of Second Part shall enroll itself as a member of such professional bodies, associations and societies as the normal standard of the requirements of the industry.

The Party of Second Part understands that such enrolments are for its benefits and undertakes to pay such charges /fee may be required for such enrolments.

4.19 Additional activities

The Party of Second Part undertakes to organize such additional activities which may be decided mutually from time to time which would contributes towards improvements of work culture and agrees to accept the terms and conditions as decided by the parties .

- 4.20The party of second part shall engage on his own expenses the requisite number of representatives with means & materials as well as tools, appliances, machines, implements, vehicles for transportation, cartage etc. required for the proper execution of work within the link prescribed in the work orders.
- 4.21The party of second hereby declares that nobody connected with or in the employment of the Bharat Sanchar Nigam Limited/DOT/DTS is not/shall not ever be achieved as partner in the contract
- 4.22The rates approved are inclusive of all taxes the payment will be subject to availability of funds after sanction of bill by the competent authority through Cheques and deduction of Income Tax & all statuary/Govt. Taxes. The party of second part shall submit the copy of GST paid challan and EPF/ESI paid challan for the previous month along with the bill. While preparing the bill the party of second part shall bifurcate the amount of GST in bill submitted. The party of second part shall submit the bills quarterly consolidated for each SDCA duly signed and verified by the officer's in-charge for satisfactory work execution.

5. Article 5: CONSIDERATIONS

5.1 Monthly fee

5.1.1 The Party of First Part shall pay to the Party of second Part an amount of monthly bill submitted by him

Any demand by the party of second Part shall not be entertained by the Party of first Part to the Party of First Part towards any other use apart from this agreement shall not be claimed and is agreed to be sufficient consideration for payments of prescribed monthly fee.

5.1.2 The monthly fee quoted by the bidder shall not be increased under any circumstances what so ever by the party or second part during the period of contract.

5.2 Profit sharing

The Party of Second Part shall not pay to the Party of First Part any amount as a profit sharing. Any demand by the party of first part shall not be entertained by the Party of Second Part to the Party of First Part towards the use and earning any profit by executing the work.

5.3 Taxes duties

Any taxes or duties, imposed or assessed by the central government or any other authorized local bodies in respect of payment or dues paid by Party of First Part after signing this agreement, will be borne by the Party of Second Part.

GST at the prevailing rates will be paid.

6. Article 6: SERVICE BY THE PARTY OF FIRST PART

The Party of First Part here by agrees to provide following services in accordance with the terms of this agreements.

6.1 Functional management in respect of the competent government authorities for proper execution of this agreement in letter and spirit of this agreement.

7. Article 7: DISBURSEMENT TO PARTY OF FIRST PART

7.1 Disbursement in relation to entire, unconditional, unlimited and unqualified responsibilities, Party of Second Part agrees to execute a separate agreement with the party of first part.

8. Article 8: LIMITATION OF AGREEMENT

- 8.1 Trademarks, trade names and trade secrets
- 8.1.1 The Party of Second Part shall not claim any ownership right in trade mark, trade name, design, copyright, goodwill which is not the subject matter of this agreement but property of first party. It shall derive its power to use from the provision and clauses of this agreement only.
- 8.1.2 The Party of second Part shall not claim any ownership right on premises as it shall be property of party of party of first part. After complying all the mandatory provisions of applicable laws and contractual obligations. It shall derive its power to use from the provision and clauses of this agreement only.
- 8.1.3 The party of second part shall not incorporate any word or design deceptively and confusingly similar to Party of First Part's trade-mark, trade-name, design in its trade-mark, trade-name and trade-style other then the subject matter of the agreement.
- 8.1.4 The Party of Second Part agrees not to divulge any trade secrets that may be made available to it, in confidence. The Party of Second Part further agrees to ensure fidelity of information imparted to or available to them.
- 8.1.5 All the liabilities of the party of first part related to their business prior to the date of execution of this agreement shall be liabilities of the party of first part.
- 8.2 No 'Agency'
- 8.2.1 The parties here to agree that the Party of Second Part is an independent entity. Nothing here in contain shall constitute the Party of Second Part as an agent, legal representative, partner, subsidiary; joint venture or employee of the Party of First Part. The Party of Second Part shall have no right or power to and shall not bind or obligate the Party of First Part in any way, manner or title whatsoever, nor represent, it has any right to do so.
- 8.2.2 The parties here to agrees that all the litigation-disputes/claims arising or taking place with the third parties after signing this agreement shall be contested/or settle by the Party of Second Part itself. The Party of First Part shall not be responsible for the same in any circumstances.

9. Article 9: INSURANCE

The Party of Second Part takes appropriate policies for new insurances w.e.f this agreement to cover it against losses /damages and renew such policies up to the period of this agreement. Evidence of policies having being renewed shall be made available to the Party of First Part, in case it requires it, in any compliance issue.

10. Article 10: TENURE AND RENEWAL OF THE AGREEMENT

10.1Tenure:			
The tenure of this MOU shall expire	under circumstances	until unless	specifically
agreed and in written form accepted by parties, though this MC	OU ceased to exists.		

- 10.1.1Both the parties shall execute a new agreement in case if it is required to achieve the purpose stipulated in this agreement as per the modified law, statutory provisions, rules and regulation issued or changes by the competent authorities.
- 10.1.2The parties shall not have any automatic right of termination under any of the clause and it shall be not discretions of the parties to terminate the present agreement.
- 10.2Disbursement of dues; Both the parties agree to initiate all the necessary activities to settle pending dues as per the scheme enumerated in other agreements, which comprehensively deals with this issue. Any such disbursement shall strictly as per the scheme.
- 10.3Notwithstanding anything elsewhere herein provided and in addition to any other right or remedy of the BSNL CHTD under the Contract or otherwise, the BSNL CHTD shall be entitled to terminate the Contract by written notice at any time during the currency on or after the occurrence of any one or more of the following events or contingencies, namely:
- 10.3.1 Default or failure by the party of second part of any of the obligations of the party of second part under the Contract, including but not limited to:
- (a) Negligence in carrying out the works or carrying out of work found to be unsatisfactory by the competent authority in BSNL CHTD
- (b) Abandonment of the works or any part thereof;
- (c) Suspension of the entire works or any part thereof, for a period of 14(fourteen) days or more without due authority from the BSNL CHTD
- (d) Commission, permission or sufferance of any other breach of any of the terms, conditions or provisions of the Contract on the part of the party of second part to be paid, performed and/ or observed;
- (e) Failure to deposit the Initial Security Deposit within 10 (ten) days of receipt by the party of second part of Acceptance of Tender (in case applicable).
- (f) Failure to execute the Contract in terms of the Form of Contract forming part of the Tender Documents within 10(ten) days of notice in this behalf from the BSNL CHTD;
- 10.3.2 If the party of second part is incapable of carrying out the work;
- 10.3.3 If the party of second part misconducts himself in any manner;

- 10.3.4 If there is any change in the constitution of the party of second part or in the circumstances or organization of the party of second part, which is detrimental to the interests of the work or the BSNL CHTD;
- 10.3.5 Dissolution of the party of second part or commencement of liquidation or winding up (whether voluntary or compulsory) of the party of second part or appointment of a receiver or manager of any of the party of second part 's assets and/ or insolvency of the party of second part or any Partner of the party of second part;
- 10.3.6 Distress, execution, or other legal process being levied on or upon any of the party of second part's goods and/ or assets;
- 10.3.7 Death of the party of second part;
- 10.3.8 If upon any change in the Partnership/constitution of a party of second part's organization (if a Partnership), the BSNL CHTD shall refuse to continue the contract with the re-constituted firm;
- 10.3.9 If the party of second part or any person employed by him shall make or offer for any purpose connected with the Contract any gift, gratuity, royalty, commission, gratification or other inducement (whether money or in any other form) to any employee or agent of the BSNL CHTD;
- 10.3.10 If the party of second part shall sub-contract the whole or any part of the work in contravention of the provisions of the Contract
- 10.3.11 The decision of the(Competent Authority), as to whether any of the events/contingencies mentioned in above Clauses, entitling the BSNL CHTD to terminate the Contract, has occurred or not, shall be final and binding upon the party of second part. However, before invoking action under this clause, BSNL CHTD shall give prior written notice to the party of second part to rectify the problem areas within maximum two weeks of time.
- 10.4The authority of premises shall stand terminated in the following events
- 10.4.1 Upon the expiry of the contracted period
- 10.4.2 Upon occurrences of instances mentioned in clause above
- 10.4.3 Upon mutual consent of the parties before the expiry of the period.

11. Article 11: EFFECT OF NON- RENEWAL

Both the parties shall ensure and work to clear all the dues, liabilities and make such arrangements, so to avoid inconvenience to both parties. This agreement is governed by this agreement and both the parties are bound to renew this agreement by redrafting and re-executing it, as prescribed in this agreement in letter and spirit.

12. Article 12: INDEMINIFICATION

12.1Losesand damages

12.1.1 The Party of Second Part and the indemnifiers are jointly and severally responsible for all losses to damages to third person, originating in or connected with the conduct of the Party of Second Part for all

claims demand for damages to properties or for injury, illness, or death of persons directly or indirectly resulting there from. The agency and indemnifier agree to defend, Indemnifies and save the Party of First Part from any harm with respect to any such claims, losses all damages result from the will-full negligence of the Party of First Part, Its employees or agents after signing the agreement.

- 12.1.2 The Party of first part and the indemnifiers are jointly and severally responsible for all losses to damages to third person, originating in or connected with the conduct of the Party of first Part for all claims demand for damages to properties or for injury, illness, or death of persons directly or indirectly resulting there from.
- 12.1.3 The agency and indemnifier agree to defend. Indemnifies and save the Party of second Part from any harm with respect to any such claims, losses on all damages result from the will-full negligence of the Party of First Part, Its employees or agents. The Party of first Part and the indemnifier shall be obliged to immediately intimate to the Party of second Part in the event of any unlawful use of either the Party of second Part's trade mark, trade name, design, copyright, patent by any third party. If it is established that such activity is the act of either the Party of Second Part itself or any of or all of its directors Party of First Part officers Key personnel employees etc the indemnifier here by indemnifies the Party of second Part in respect all expense that may be incurred by the Party of second Part In stopping such activity. The Party of Second Part agrees to assist the Party of First Part in taking appropriate action and further agrees to commence such action if legal requirement so dictate.

12.1.4 Personnel indemnification;

- (a) The indemnifier here by personally indemnifies the Party of First Part in respect of every claim, which the Party of First Part may have against the Party of Second Part under this agreement and further personnel guarantees payment of the same to the Party of First Part. This shall not affect any right of the Party of First Part to precede against the Party of Second Part in respect of such claim or claims.
- (b) The indemnifier here by personally indemnifies the Party of Second Part in respect of every claim, which the Party of second Part may have against the Party of first Part under this agreement and further personnel guarantees payment of the same to the Party of second Part. This shall not affect any right of the Party of second Part to precede against the Party of first Part in respect of such claim or claims.

13. Article 13: DIRECT SUPERVISION

Both Parties agrees that in the event of Non-compliance of any clause due from the Parties Or

For any other reason as may be mentioned in the agreement or against the law of this land, Both the Parties may in their discretion, act any or the entire procedure in following manner:

- (a) Direct to take appropriate measures with respect to all its activities.
- (b) Call arbitrator to Assume direct supervision over the operations.
- (c) The Parties reserve the right to withdraw or report to the arbitrator at its discretion during the currency of the agreement if the condition so demand.
- (d) The Parties shall further agrees that such arrangement shall continue till the Parties are fully satisfied that the things are in order in respect of the breaches and defaults mentioned above after which the Parties shall handover the operation to the arbitrator.

14. Article 14: DEFAULTS

14.1The occurrence of the following events / acts shall constitutes good and sufficient cause for the Party of First Part at its options and without prejudice to any other rights or remedies provided for hereunder or by law or equity to re-dressal of the issues, this agreement without any compensation by notice in writing to the Party of Second Part, such notice to re-dressal of the issues at such date as the Party of First Part in their discretion determine and cancel the contract.

14.1.1 In case of appointment of Sub- 'Agency' by Party of Second Part, in contravention of the spirit and intention of the MOU, it excludes the agencies appointed to carry out delegated works and tasks.

- 14.1.2 Using the recourses dedicated under this agreement for the purpose outside the purview of this agreement.
- 14.1.3 In case any of the condition and requirements mentioned in the **E-Tender** application given to the party of the first part by the party of the second part is found to be misleading, false and incorrect, the party of the first part reserves the right to cancel the agreement at any time.
- 14.2 In case of the following non-performance by the party of the second part the penalty enumerated therein will be imposed by the party of the first part.
- 14.2.1 The party of the second part shall be responsible for calling the concerned officer In-charge at the work site (i.e. Telephone Exchange, BTS etc.) at the time of starting as well as end of duty. If at any of time the party of the second part fails to do so, 5% of the monthly contract amount will be deducted from the payment of the party of the second part for every such instance of such negligence on their part.
- 14.2.2 The party of the first part also reserves the right to monitor the provisions of services at the work site at any time through visit to the site. In case the party of the second part is not found at the time of the duty, 10% of the monthly contract amount will be deducted from their payment for every such instance of such negligence on the part of the party of the second part.

15. Article 15: EFFECT OF REDRAFTING/RE-EXECUTION

In the event of redrafting/re-execution of this agreement by the parties, the parties shall be entitled to claim damages and injuries and the parties agrees to, in such event of termination, they shall pay amount as decided by arbitrator as liquidated damages to the injured party.

16. Article 16: MISCELLANEOUS / GENERAL CONDITION

16.1 Interpretation

The recitals incorporated herein make a part of this agreement, total of article, sections, clauses and paragraphs are used for convenience only and are part of the text. All terms used in any one gender shall be construed to include any other gender as the context may require. The singular shall be deemed to include the plural and the plural shall be deemed to refer to singular as the context may be.

16.2 Entire agreement

This agreement constitutes the entire agreement between the parties and shall prevail over any other agreements relating to the subject matter thereof. The Party of Second Part declares that it rely upon no representation, conditions or warranty on the part of the Party of First Part except herein contain. The agreement is prepared in two original copies having same effect.

16.3Non-waiver

The failure of the Party of First Part to exercise any right, or option given to ithereunder or non-insistence on options for strict compliance of the terms hereof, by the Party of Second Part shall constitute a waiver of the terms and conditions of this agreement with respect to any other or subsequent breach thereof, not a waiver by the Party of Second Part of its right at any time thereafter to require strict compliance with all the

terms thereof. The right of remedies hereunder is cumulative to other rights on remedies which may be granted by the law.

16.4Governing laws

The agreement shall be governed and construed in accordance with the laws of republic of India.

16.5Applicable laws

This agreement including any mater relating thereto arising after its expiry or termination shall be governed by the laws of Indian union.

16.6Severability

If any provision of this agreement is held invalid by the court decree the remainder of this agreement shall not be invalidated.

16.7Registration

In case of any delay in registration of this agreement or non-registration due to any reason the effect and strength of this agreement shall have same as of a registered document and neither party shall raise any objection before any competent authority in this regard.

16.8 Notices

Any notice to be given hereunder shall be in writing and shall be deemed to have been duly served after two days of the date of dispatch if send by the registered post at the recorded address of the parties. Notices shall be served by both parties at the addresses/fax/email mention hereunder

Of party of first part

- 1.
- 2.
- 3.

Of party of second part

- 1.
- 2.
- 3.

Or in case, to the arbitrator at his address at;

Also at,

16.9 Force majeure clause;

16.9.1 Force majeure shall mean any event or circumstances or combination of the events or events or circumstances that materially and adversely affect, prevent or delay any party in performance of its obligation in accordance with the terms of this agreement but only if and to the extent such events and circumstances are within the affected parties reasonable, control, directly or indirectly.

16.9.2 Force majeure events; the force majeure events shall consist of civil war, rebellion, civil commotion, mutiny, flood, tempest, earth quack or other unforeseen forces of the nature or act of god or due to any restrained or regulation or change in the statute, policy of the state or central govt. like expropriation or compulsory acquisition, exercise of the central and / or state got executive prerogative and court stay order.

16.9.3 In the event of a force majeure occurrence, the party invoking the force Majeure shall promptly notify the other party of such circumstances force majeure occurrence shall be suspend the parties obligations with respect to circumstances affected by the force majeure

16.10 The Party of First Part shall not guarantee any success hence; the Party of First Part shall not responsible under any circumstances to pay any compensation and / or damages or losses incurred by the Party of Second Part.

17. Article17. Arbitration and jurisdiction

Except as otherwise provided elsewhere in the contract, in the event of any disputes, controversy, or differences arising out of or relating to this agreement, or the breach, termination or invalidity thereof between parties, such party or parties shall make to the other party or parties to amicably settle the differences or disputes and parties shall thereupon make every effort to settle the same amicably within a period of 60 (sixty) days from the date of making such request.

Where the parties are unable to settle the disputes through conciliation, the same shall be referred to the authority in BSNL (CGM/GMTD, as the case may be) for referral of such disputes to sole arbitrator (chose (n) from the names provided by BSNL), to be mutually decided by the parties, as per the provisions of Arbitration and Conciliation Act, 1996, any amendment thereof, and any notification issued or rules made there under from time to time.

The venue of the Arbitration proceeding shall be Circle/ SSA HQ(as the case may be).

18. Article 18.SET OFF

Any sum of money due and payable to the Supplier (including security deposit refundable to him)under this contract may be appropriated by the Purchaser or the BSNL or any other person(s)contracting through the BSNL and set off the same against any claim of the Purchaser or BSNL or such other person or person(s for payment of a sum of money arising out of this contract or under any other contract made by the Supplier with the Purchaser or BSNL or such other person(s)contracting through the BSNL.

For any dispute, Jurisdiction of court will be at Chennai only.

Signed	Signed
For and on behalf of the BSNL	For and on behalf of the Service Provider
Name (caps) Position Date	
In the presence of Witnesses	In the presence of Witnesses
1.	1.
2.	2.
	(End Agreement)

ANNEXURE-H

PROFORMA FORCLAUSE BY CLAUSE COMPLIANCE

SI No	SECTION NO	CLAUSE NO	COMPLIANCE

I /We	hereby accept and abide by	all the above mentioned clauses in this
tender document and assure that t	nere won't be any deviation	from the terms and conditions.

Signature of the bidder

ANNEXURE-I

BID SECURITY BOND

Whereas (hereafter called "the Bidder") has submitted its bid dated For Notice Inviting Expression of Interest No				
KNOW ALL MEN by these Prese registered office at (hereafter called "the sum of Rs For which payment will and tru and assigns by these presents.	•			
THE CONDITION of the obligation are:				
1 If the Bidder withdraws its bid during the perio	d of bid validity specified by the Bidder on the			
Bid Form; or 2 If the Bidder, having been notified of the acceptance	e of its bid by the BSNL			
during the period of Bid Validity.				
(a) Fails or refuses to execute the Contract, if requi	ired, or			
(b) Fails or refuses to furnish performance security	, in accordance with the instructions to Bidders.			
We undertake to pay to, BSNL up to the a without having to substantiate its demand, provided claimed by it is due to it owing to the occurrence of o condition or conditions.	that in its demand, BSNL will note that the amount			
This guarantee will remain in force as specified in claus (30) days after the period of bid validity and any demathan the specified date/ dates.				
	Signature of the Bank			
	Name			
Signed in Capacity of Signature of Witness	Full Address of Branch			
Name of Witness	Tel. No. of Branch			
Address of Witness	Fax No. of Branch			

ANNEXURE - J



IT exemption date from :

VENDOR MASTER FORM



(The details listed will be used for making all payments against POs / WOs, refund of EMDs / SDs, intimation of payments by email, issue of TDS certificates, C Form for CST purchases etc.)
(*) Minimum Required Fields to be Filled by the Company/Vendor. Please Attach copies of the supporting documents. Title* : Mr. Ms. M/s Dr. Name* Address * Town/District* City* State* Postal/Pin code* Contact Details: Telephone Number Email_id (Mandatory for E-Tendering) Name of Contact Person Mobile No. : Mobile No. Alternate Contact Person Tax information: PAN Service Tax reg. no. LST (Local VAT reg.No.) : CST Reg. No Tax Registration no. : [(for Foreign Vendors) Income Tax Exemption details: IT exemption no. IT exemption rate IT Exemption date

IT exemption date to :

Excise Details:				
Excise reg. no.				
Excise Range	:			
Excise Division	:			
Excise Commissionerate	:			
Payment Transaction	/Bank Details:			
Bank Country				
Bank Name				
Bank Address	:			
Bank A/c No	:			
Bank IFSC				
Account holder's Name	:			
Type of Account	: Savings(10) Qurrent(11)			
SWIFT Code (for Foreign Vendors)				
IBAN (for Foreign Vendors)				
(Enclose a blank Cheque	e / a photocopy of the Cheque to verify A/c No. & Bank details)			
Industry Status:				
Micro/ SSI Status	: Yes No			
	norize BSNL to make all payments to us by cheque /direct credit to our bank account details which are specified above, norize BSNL to deduct bank charges applicable for such direct bank payments.			
Note: 1. If PAN is not provided, TDS @20% will be deducted wherever applicable. 2. If Excise Registration/Service Tax Registration/VAT Registration Number is not provided, then the taxes will not be paid wherever applicable. 3. If Barik Particulars are not provided, the payment will be made by Cheque only. 4. If the relevant documents for Micro/SSI status are not provided, then the relevant exemptions will not be given.				
Company / Vendor Authorized Signatory / Designation Date: Company Seal				
(For Office Use)				
Vendor Account Group	: Payment Method :			
TDS Type - Invoice	: TDS Code - Invoice :			
Checked by:	Authorized by (Finance) SAP Vendor Master Created on SAP Vendor Code			

ANNEXURE - K

Bidder's profile & Questionnaire.

Tenderer	/ Bidder'	s Profile & Questionnaire		
(To be fille	ed in and	submitted by the bidder)		
A) Tender	er's Prof	ile		
1. Name o	of the Inc	lividual/ Firm:		
2. Present	t Corresp	ondence Address		
Email ID				
Telephon	e No	Mobile No		
FAX No				
3. Addres	s of place	e of Works/		
Manufact	ure			
Telephon	e No	Mobile No		
		of Firm: (Tick the correct choice) S Limited Company	ole proprietor-ship/partnersh	ip firm/ Private limited
5. Name o	of the sol	e proprietor/ partners/ Director(s	of Pvt. Ltd Co.:	
	S. No	Name	Father's Name	Designation
	1			
	2			
	3.			
	4.			

Name of the person authorized to enter into and execute contract/agreement and the capacity in which he is authorized (in case of partnership/ private Ltd Company):

5.

TENDER NO. DGM NWA CM/E-Tender/BTS & Infrastructure Mtce/CM/2019-20 dtd 10.02.2020
7. Permanent Account No. :
8. Details of the Bidder's Bank for effecting e-payments:
(a) Beneficiary Bank Name:
B) Questionnaire
 Do you think any other detail/ material is required to complete the work specified in the specification? Yes/ No. If Yes, Give details
2. Do you think any other item of work need be included in tender form to complete the work specified in the specification? Yes/ No.2.1 If Yes, Give details
 Kindly indicate the maximum Quantity of tendered material which you are capable of supplying within the scheduled delivery period. Name of the tendered Item Qty that can be supplied by the firm within scheduled delivery period. Suggestion for improvement of the tender document.
Place
Signature of successful bidder
Date Name of Successful bidder

ANNEXURE-L

For Letter of Authorization for attending Bid Opening Event.

(To be typed preferably on letter head of the company)

Subject: Authorization for attending Bid opening

I/ We Mr. /Ms Maintenance and Mobile infrastructure	in re e maintenance(espect of Mob Item of work)	oile access which is due	equipment to open on
(date) in the Meeting Room, O/o				
We hereby authorize Mr. / Mssignatures are attested below, to attend the bid		-	•	•
Signature of the Representative Signature of Bidder/ Of Name of the Representative	fficer authorized to on behalf of the E	_		
Signature of the alternative Representative				
Name of the alternative Representative				
Above Signatures Attested				

Note 1: Only one representative will be permitted to attend the Bid opening

2. Permission for entry to the hall where bids are opened may be refused in case authorization as prescribed above is not received.

ANNEXURE-M

Appendix-1 to Section 4 Part A of Chapter 4 (Standard Tender Enquiry Document)

S.	Defaults of the bidder / vendor.	Action to be taken			
No.					
A 1/2)	B Submitting fake / forgod	C i) Rejection of tender hid of respective Vander			
1(a)	a) Bank Instruments with the bid to meet terms & condition of tender in respect of tender fee and/ or EMD;	 i) Rejection of tender bid of respective Vendor. ii) Banning of business for 3 years which implies barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 			
	b) Certificate for claiming exemption in respect of tender fee and/ or EMD;	3 years from date of issue of banning order. iii) Termination/ Short Closure of PO/WO, if			
	and detection of default at any stage from receipt of bids till award of APO/ issue of PO/WO	issued. This implies non-acceptance of further supplies / work & services except to make the already received material work/ complete work in hand.			
	Note 1:- However, in this case the performance guard	antee if alright will not be forfeited.			
	Note 2:- Payment for already received supplies/ completed work shall be made as per terms & conditions of PO/ WO.				
1(b)	Submitting fake / forged documents towards meeting eligibility criteria such as experience capability, supply proof, registration with Sales Tax, Income Tax departments etc and as supporting documents towards other terms & conditions with the bid to meet terms & condition of tender:				
	(i) If detection of default is prior to award of APO	i) Rejection of Bid & ii) Forfeiture of EMD.			
	(ii) If detection of default after issue of APO but before receipt of PG/ SD (DD,BG etc.)	i) Cancellation of APO , ii) Rejection of Bid & iii) Forfeiture of EMD.			
1(b) cont d.	(iii) If detection of default after receipt of PG/ SD (DD,BG etc.) .	i) Cancellation of APO ii) Rejection of Bid & iii) Forfeiture of PG/SD. However on realization of PG/SD amount, EMD, if not already released shall be returned.			
	(iv) If detection of default after issue of PO/WO	i) Termination/ Short Closure of PO/WO and Cancellation of APO ii) Rejection of Bid & iii) Forfeiture of PG/ SD. However on realization of PG/ SD amount, EMD, if not released shall be returned.			
	Note 3 :- However, settle bills for the material receive not affect working or use of supplied items.	d in correct quantity and quality if pending items do			

	Note 4:- No further supplies are to be ac work	ccepted except that required to	make the already supplied items	
2	If vendor or his representative uses viole Physical / Verbal means to threatens BS and/ or obstruct him from functioning ir responsibilities for the following:	Banning of business for 3 years		
	a) Obstructing functioning of tender oper receipt/ opening of tender bids from pro- Successful bidders.	which implies Barring further dealing with the vendor for procurement of Goods &		
	b) Obstructing/ Threatening other prosp Successful bidders from entering the ter their tender bid freely.	Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.		
3	Non-receipt of acceptance of APO/ AWO within time period specified in APO/ AW	•	Forfeiture of EMD.	
4.1	Failure to supply and/ or Commission the equipment and /or execution of the work at all even in extended delivery schedules, if granted against PO/ WO.	 i) Termination of PO/ WO. ii) Under take purchase/ work at the risk & cost of defaulting vendor. iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting Vendor. 		
4.2	Failure to supply and/ or Commission the equipment and /or execution of the Work in full even in extended delivery schedules, if granted against PO/ WO.	 i) Short Closure of PO/ WO to the quantity already received by and/ or commissioned in BSNL and/ or in pipeline provided the same is usable and/or the Vendor promises to make it usable. ii) Under take purchase/ work for balance quantity at the risk & cost of defaulting vendor. iii) Recover the excess charges if incurred from the PG/ SD and outstanding bills of the defaulting Vendor. 		
5.1	The supplied equipment does not perform satisfactory in the field in accordance with the specifications mentioned in the PO/ WO/Contract.	 i) If the material is not at all acceptable, then return the non-acceptable material (or its part) & recover its cost, if paid, from the o/s bills/ PG/ SD. OR ii) If the material is inducted in network & it is not possible to return it and/ or material is acceptable with degraded performance, the purchaser may determine the price for degraded equipment (Financial penalty = Price – price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD. 		
5.2	Major quality problems (as established by a joint team / committee of User unit(s) and QA Circle) / performance problems and non-rectification of defects (based on reports of field units and QA circle).	acceptable material (or its pa from the o/s bills/ PG/ SD; OR	cceptable, then return the non- art) & recover its cost, if paid, d in network & it is not possible is acceptable with degraded	

		performance, the purchaser may determine the price for degraded equipment (Financial penalty = Price — price determined for degraded equipment) himself and/ or through a committee. Undertake recovery of financial penalty from outstanding dues of vendor including PG/ SD;
		and iii) Withdrawal of TSEC/ IA issued by QA Circle.
6	Submission of claims to BSNL again contract (a) for amount already paid by BSN	i) Recovery of over payment from the outstanding dues of Vendor including EMD/ PG & SD etc. and by invoking 'Set off' VL. clause 21 of Section 5 Part A or by any other legal tenable
	(b) for Quantity in excess of that	manner. ii) Banning of Business for 3 years from date of issue of
	supplied by Vendor to BSNL.	hanning order or till the date of recovery of over nayment in
	 c) for unit rate and/ or amount hig than that approved by BSNL for th purchase. 	ner full whichever is later
	•	itted with or without collusion of BSNL Executive/ employees.
	Note 6: This papalty will be impo	sed irrespective of the fact that payment is disbursed by BSNL or not.
7	Network Security/ Safety/	i) Termination of PO/ WO.
,	Privacy:- If the vendor tampers	ii) Banning of business for 3 years which implies barring further
	with the hardware, software/	dealing with the vendor for procurement of Goods & Services
	firmware or in any other way	including participation in future tenders invited by BSNL for 3 years
	that	from date of issue of banning order. iii) Recovery of any loss incurred on this account from the Vendor
		from its PG/ SD/ O/s bills etc.
7	b) Disrupts/ Sabotages	iv) Legal action will be initiated by BSNL against the Vendor if
con-	functioning of the BSNL network	required.
td.	equipments such as exchanges,	
	BTS, BSC/ MSC, Control equipment including IN etc.,	
	transmission equipments but	
	not limited to these elements	
	and/ or any other TSP through	
	BSNL.	
	c) tampers with the billing	
	related data/ invoicing/ account of the Customer/ User(s) of	
	BSNL and/ or any other TSP(s).	
	d) hacks the account of BSNL	
	Customer for unauthorized use	
	i.e. to threaten others/ spread improper news etc.	
	e) undertakes any action that	
	affects/ endangers the security of India.	

8	If the vendor is declared	i) Termination/ Short Closure of the PO/ WO.
	bankrupt or insolvent or its	ii) Settle bills for the quantity received in correct quantity and
	financial position has become	quality if pending items do not affect working or use of supplied
	unsound and in case of a limited	items.
	company, if it is wound up or it	iii) No further supplies are to be accepted except that required to
	is liquidated.	make the already supplied items work.
		iv) In case of turnkey projects, If the material is commissioned and is
		usable without any degradation of performance, then settle bills for
		the acceptable equipment/ material (or its part).
		v) In case of turnkey projects, if the material is inducted in network
		& it is not possible to return it and/ or material is acceptable with
		degraded performance, the purchaser may determine the price for
		degraded equipment (Financial penalty = Price – price determined
		for degraded equipment) himself and/ or through a committee.
		Undertake recovery of financial penalty from outstanding dues of
		vendor including PG/ SD.
9	In the event of the vendor, its	i) Termination/ Short Closure of the PO/ WO.
	proprietor, Director(s),	ii) Settle bills for the material received in correct quantity and quality
	partner(s) is / are convicted by a	if pending items do not affect working or use of supplied items.
	Court of Law following	iii) No further supplies are to be accepted except that required to
	prosecution for offences	make the already supplied items work.
	involving moral turpitude in	iv) In case of turnkey projects, If the material is commissioned and is
	relation to the business	usable without any degradation of performance, then settle bills for
	dealings.	the acceptable equipment/ material (or its part).
		v) In case of turnkey projects, If the material is inducted in network
		& it is not possible to return it and/ or material is acceptable with
		degraded performance, the purchaser may determine the price for
		degraded equipment (Financial penalty = Price – price determined
		for degraded equipment) himself and/ or through a committee.
		Undertake recovery of financial penalty from outstanding dues of
		vendor including PG/ SD.
10	If the vendor does not return/	i) Take action to appoint Arbitrator to adjudicate the dispute.
	refuses to return BSNL's dues:	
	a) inspite of order of Arbitrator.	i) Termination of contract, if any.
		ii) Banning of business for 3 years which implies barring further
		dealing with the vendor for procurement of Goods & Services
		including participation in future tenders invited by BSNL from date
		of issue of banning order or till the date by which vendor clears the
		BSNL's dues, whichever is later.
		iii) Take legal recourse i.e. filing recovery suite in appropriate court.
10	b) inspite of Court Orders.	i) Termination of contract, if any.
con-		ii) Banning of business for 3 years which implies barring further
td.		dealing with the vendor for procurement of Goods & Services
		including participation in future tenders invited by BSNL from date
		of issue of banning order or till the date by which vendor clears the
		BSNL's dues, whichever is later.

TENDER NO. DGM NWA CM	/F-Tender/RTS & In	frastructure Mtce/CM	/2019-20 dtd 10 02 2020
I LINDLIN INC. DOINT INVIA CIVIA	L-ICHUCI/DIJ & II	ili asti uctule ivitce/civi	/2013-20 ata 10.02.2020

11	If the Central Bureau of Investigation/ Independent External Monitor (IEM) / Income Tax/ Sales Tax/ Excise / Custom Departments recommends such a course The following cases may also be considered for Banning of business:	i) Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.
12	 (a) If there is strong justification for believing that the proprietor, manager, MD, Director, partner, employee or representative of the vendor/ supplier has been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolation, misrepresentation with respect to the contract in question. (b) If the vendor/ supplier fails to execute a contract or fails to execute it satisfactorily beyond the provisions of Para 4.1 & 4.2. (c) If the vendor/ supplier fails to submit required documents/ information, where required. 	i) Banning of business for 3 years which implies Barring further dealing with the vendor for procurement of Goods & Services including participation in future tenders invited by BSNL for 3 years from date of issue of banning order.
News	 (d) Any other ground which in the opinion of BSNL is just and proper to order for banning of business dealing with a vendor/supplier. (d) Any other ground which in the opinion of BSNL is just and proper to order for banning of business dealing with a vendor/supplier. 	sed provided it does not clash with the provision of the respective

Note 7: The above penalties will be imposed provided it does not clash with the provision of the respective tender.

Note 8:-In case of clash between these guidelines & provision of invited tender, the provision in the respective tender shall prevail over these guidelines.

ANNEXURE- N

BID FORM

From
То
The Dy.General Manager (NWA-CM)
BSNL Chennai Telephones, CM Wing
3 rd flr, No 238 RK mutt Road, Mandaveli,Chennai-600028.
Dear Sir,
1 Having examined the above mentioned tender enquiry document including amendments / clarification /addenda Nos
Dated
the receipt of which is duly acknowledged, we, the undersigned, offer to provide Mobile access equipment Maintenance and Mobile infrastructure maintenance –at BTS /Node B sites under CM WING of Chennai Telephones including areas of Chengalpattu, Kancheepuram and Thiruvallur districts., in conformity with the conditions of contract and specifications for the sum of Service charges as mentioned in the financial bid and made part of this bid.
2. We undertake, to enter into agreement within one week of being called upon to do so and bear all
expenses including charges for stamps etc and agreement will be binding on us.
3. If our bid is accepted, we will obtain the guarantees of a Scheduled Bank for a sum not exceeding 10% of
the Tender value for the due performance of the Contract.
4. We agree to abide by this Bid for a period of 180 days from the date fixed for Bid opening and it shall
remain binding upon us and may be accepted at any time before the expiration of that period.
5. Until an agreement is signed and executed, this Bid together with your written acceptance thereof in your
notification of award shall constitute a binding contract between us.
6. Bid submitted by us is properly digitally signed so as to prevent any subsequent replacement.
7. We understand that you are not bound to accept the lowest or any bid, you may receive.
Dated thisDay of2020.
Signature of
In capacity of
Duly authorized to sign the bid for and on behalf of
Witness
Address
Signature

ANNEXURE- O

ECS FORM

(Mandate Form)

Payment through NEFT/RTGS-System (Real time gross settlement)

1	Name of the supplier (M/s)
2	Address of the supplier.
3	Name of the a/c Holder.
4	Bank Name
5	Branch Name
6	Branch Address,
	Telephone No.
	Fax No.
7	MICR & IFSC Code no.
8	Type of account
9	A/c. No.
10	IFS Code

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible I have read the option invitation letter and agree to discharge the responsibility expected on me as a participant under the scheme.

Date:	Signature of the authorized signatory of the supplier with stamp. \\

Certified that the particulars furnished above are correct as per our records.

Bank's Stamp

Date: Signature of the authorized official of the Bank

I have read and understood the above.

Signature of Bidder with Date:

ANNEXURE- P

<u>UNDERTAKING</u>

This deed of undertaking executed on this	
by (Name of sole proprietor/ partner/ Dire	
Company, Trust, Society etc.)	
residing aton behalf	
(Name of the Firm, Company, Trust, Society	
and duly authorized to	
the said(Name of the Firm, Com	
Sanchar Nigam Limited, a Government of India Enter	
Sanchar Bhawan, Harish Chandra Mathur Lane, Janpa	
BSNL Chennai telephones, no. 238 Rk mutt road, ma	
which terms shall mean and include its successors, adm	inistrators, heirs and assigns.
Whereas M/S BSNL invited bids for Mobile ac	ccess equipment Maintenance and Mobile
infrastructure maintenance –at BTS /Node B sites un	der CM WING of Chennai Telephones. I/We
participated in the bidding process and emerged as suc	
I/ We	
that I/Weha	
terms & conditions of the Tender/ Contract and do	hereby unequivocally and unconditionally
undertake and declare that :	
1. I/ Weshall comply with a	I the Rules/ Regulations/ Laws/ Government
instructions/ statute etc; that are applicable / will b	e applicable which are aimed to protect the
interest of the workers/ employees engaged by me,	/ us during the course of performance of this
contract.	
2. I/We shall fully protect, indemnify and hold harmles	
agents or representatives against any liabilities, l	
penalties and costs (including legal costs and disburs	
a) any breach/ violation of any direction / order of go	
any provisions of the labour laws or any other law	_
protect the interest of the workers/ labourers eng	gaged by me / us during the course of this
contact.	
b) any claim made by any other third party in con	nection with violation of any of the laws
guidelines, instruction, etc;	ha Day Marth of Year
3. In witness whereof this undertaking has caused on the Date:	ne Day Month ofYear
	nature:
3.61	Name:
	Designation:
WITNESS :1	
2	

ANNEXURE-Q

NON BLACKLISTING CERTIFICATE

Date _____

ANNEXURE- R

CHECK LIST

The check list shall be filled up and enclosed with the Tender document

SL. No.	ITEMS	Whether available Yes/No	Remarks
1	Bid security details (DD/BG)		
2	DD or bankers cheque for the tender fee		
3	MSME/NSIC certificate if applicable		
4	Chennai Office details		
5	Digitally signed copy of tender documents, Corrigendum and Addendum.		
6	Authorization to sign bid document		
7	Proprietary deed/ Partnership deed/ MOA		
8	Power of attorney in case of Partnership Company.		
9	Document proof of past performance in PSU/ Govt		
	dept, having done similar works during last two		
	years in the form of certificate		
10	Bid form Annexure-N		
11	No near relative certificate		
12	Proof of financial health of bidder certified by		
	Charted Accountant /Bank		
13	IT returns copy of last 2 years		
14	Authorization letter for attending bid opening		
	Annexure-L		
15	Profile of bidder & questionnaire Annexure-K		
16	Vendor master form Annexure-J		
17	Declaration for no addition / deletion / correction		
	done in Tender document		
18	GST registration copy		
19	PAN card copy		
20	EPF registration copy		
21	ESI registration copy		
22	Labour licence copy		
23	Financial bid		
24	Non Blacklist by GST Authority-self declaration		

Any other documents as mentioned in Tender document.

Signature of Bidder with Date:

ANNEXURE-S

Non Disclosure Agreement

(to be submitted by Successful bidder at the time of Finalization)
I/We, S/O
Here by certify that I/my company members/representatives would maintain the integrity and
safety of the equipments at BSNL sites as mentioned in Bid document., and hereby assure that
information about the site/equipment will be kept confidential and will not disclose the details t
any outsiders.
In case, at any stage, any breach of this assurance is found, BSNL shall have the absolute right to
take action as deemed fit without any prior intimation to me and I/we will abide by to any
proceeding in this regard.
Signed
For and on behalf of the Service Provider
Name (capital)
Position
Data
Date

CLUSTER ID: SDEANR1

	DGM AR	EA : DGN	/I NWO1	Division : DE_ ANR	Sub division	: SDEANR1	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	40223	847	0847_KOR_GopalKrishnaN gr_IUBIPM_B	No 3, Gopalakrishna Nagar, Korattur, Chennai 76	13.11904	80.19061	GBT
2	50026	897	897_KOR_Sivalingapuram _IUBIPM_C_1	No 25, Nammalvar Nagar, Near sivalingapuram, Koratur, Chennai-76	13.11455	80.19335	RTT
3	35012	2510	2610_KOR_MaryCoffe_3P _RL_N_A	New no 28, Venkataramanan Nagar, Station Road, Korattur, Chennai - 80	13.11192	80.18441	RTT
4	40227	2532	2532_KumaranNg_IV_N_C _1	NO-116-A, KUMARAN NAGAR, KAMARAJA SALAI, PADI CH-50	13.09382	80.19035	RTT
5	40781	2544	2644_IBS_Cherian_Hosp_I V_N_C	Dr Cherian Heart foundation, Ambattur Estate road, Mugapair(E), Tamil Nadu 600 037	13.087828	80.18582	IBS
6	50788	2560	2560_ANR_West_Off_Cly _V1_N_C_1	Queens Villa, NP-22, Officers Colony, Mogapair, Padi, Anna Nagar West, Chennai-50	13.08954	80.18459	RTT
7	50456	2561	2561_Padi_MTH_Rd_V1_ N_C_1	Sairam Motors, 882, Sakthi Towers, MTH Road, Padi, Chennai-600050	13.09989	80.18605	RTP
8	30555	2624	2624_ANR_West_Padi_III _N_B	#38, Balaji nagar,2nd Cross Street, PADI , chennai-50	13.09962	80.19064	RTT
9	50111	2641	2641_PVM_II_V1_RL_N_A	12/1, L.N.D Construction, D.T.P Colony, Karukku Main Road, Ambattur, Chennai - 53.	13.11597	80.17216	GBT
10	30305	2853	2853_ANR_West_III_N_A	W758, 4th Avenue, Annanagar West Extension, Chennai-101	13.09081	80.19579	GBT
11	40956	2854	2854_ANR_Hblock_IUBIP_ A	No:1715,H Block,10th street, 15th Main road,Annanagar,Chennai-40	13.08747	80.20146	RTT
12	35062	2863	2863_Thirumangalam_3P _N_A	214, TVK St, Thirumangalam, Chennai-40	13.08428	80.19791	RTT

CLUSTER ID: SDEANR2

	1	EA : DG	M NWO1	Division : DE_ANR	Sub division	n: SDEANR1	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	40299	106	0106_Ayappanthangal_IUBIPM _C	SURVEY NO 304/6, NO 1, VENUGOPALAPURAM, AGRAHARAM METTU STREET, AYYAPPANTHANGAL, CHENNAI - 56	13.03752	80.13198	GBT
2	50963	107	0107_Ayyapanthangal_Krishna veniNgr_C	PLOT NO: 5, KRISHNAVENI AMMAL NAGAR, 1ST STREET, IYYAPPANTHANGAL, CHENNAI - 98	13.04213	80.13728	RTT
3	30624	110	0110_Porur_SRMC_C	RAMACHANDRA MEDICAL HOSPITAL, MOUNT POONAMALLEE RD., PORUR, CH- 116.	13.03952	80.14375	RTP
4	40135	117	0117_PORUR_MangalaNgr_IU BIPM C	NO.4,4TH CROSS,MANGALA NAGAR PORUR, CHENNAI-116	13.03038	80.16169	RTT
5	50864	118	0118_Porur_Madhanandapura m_IUBIPM_C	NO: 3/507, SHANMUGA NAGAR, MADHANANDAPURAM, KUNDRATHUR ROAD, PORUR, CHENNAI - 116.	13.02179	80.14591	RTT
6	40116	120	0120_Porur_VigneshwaraNgr_I UBIPM_C	S.NO 353/1, NO 118, KUNDRATHUR ROAD, PORUR, CHENNAI-111	13.02755	80.15105	RTT
7	50976	123	0123_MoulivakkamParaniputh ur_IUBIPM_C	DOOR NO: 1/546, 6/31, JOTHI NAGAR, PARANIPUTHUR, MOULIVAKKAM, CHENNAI - 116.	13.02094	80.13491	RTT
8	50187	124	0124_paraniputhur_Ponniam man_Nagar_C	4/672, THIRU VEEDHI AMMAN KOIL STREET, PERIYA KOLATHUVANCHERY, AYYAPPANTHANKAL, PARANIPUTHUR	13.03022	80.13451	GBT
9	50707	125	0125_KNDR_Periapanicherry_I UBIPM_C	NO. 1/28, ANNA STREET, PERIAPANICHERY, CHENNAI-600122	13.01211	80.13197	GBT
10	40327	126	0126_Kovur_IUBIPM_C	SURVEY NO 174/2, KOVUR VILLAGE, KUNDRATHUR-PORUR HIGHWAY ROAD, KOVUR, CHENNAI-602 102	13.01033	80.12403	GBT
11	35016	128	0128_Moulivakkam_IUBIPM_C	PLOT NO 3, MADHANAGAR MAIN RD, RAJAGOPALAPURAM, MAULIVAKKAM, CH- 116	13.01843	80.14391	GBT
12	35020	129	0129_MUGVKM_SubhasreeNg r IUBIPM_C	#2, SUBHASREE NAGAR,EXTENSION 1,MOGALIVAKKAM,PORUR,CHENNAI	13.02287	80.16586	GBT
13	50982	130	0130_MUGVKM_EaswaranKoil St_C	PLOT NO:2 & 3, DEVAMANI ILLAM, THIRUVALLUVAR MAIN ROAD, ARUMUGAM NAGAR, MUGALIVAKKAM, CHENNAI - 116	13.01807	80.16705	RTT
14	50394	131	0131_MUGVKM_KrishnaveniN gr_IUBIPM_C	NO.17 THILLAI NATARAJAN AVENUE MUGALIVAKKAM CHENNAI-600 116	13.02082	80.17189	GBT
15	50390	132	0132_MUGVKM_GurusamyNgr _C	1/433, NEHRU STREET, GURUSWAMY NAGAR, MUGALIVAKKAM, CHENNAI - 116.	13.02292	80.15993	RTT
16	50980	133	0133_PORUR_SakthiNgr_IUBIP M_C	DOOR NO: 3-111, 5TH CROSS STREET, GANESH AVENUE, SHAKTI NAGAR, PORUR, CHENNAI - 6.	13.02661	80.16397	RTT
17	50224	136	0136_Porur_AIR_Tower_IUBIP M_C	OLD:92,NEW:3/1177, RAMACHANDRA STREET, SANTHOSH NAGAR, MADANANDAPURAM,PORUR,CHENNAI.	13.02201	80.15427	RTT
18	35019	142	0142_RAMVM_NaiduSt_IUBIP M_C	S A KALYANA MANDAPAM, 1/22, NAIDU STREET, RAMAPURAM, CHENNAI - 89	13.03347	80.17429	RTT
19	40316	149	0149_Valasarawakkam_IUBIP M_C	SURVEY NO 72/1, DOOR NO 138, S K GEM BUILDINGS, ARCOT ROAD, VALASARAVAKKAM, CHENNAI - 87	13.03969	80.17005	RTT
20	50202	152	0152_VLSVKM_JanakiNgr_IUBI PM_C	8/11, THAI MOOGAMBIGAI STREET, JANAKI NAGAR, CHENNAI - 87	13.04176	80.18419	RTT

21	50696	153	0153_VLSVKM_SVSNgr_C	NO:83 A 1ST MAIN ROAD S.V.S. NAGAR VALASARAVAKKAM CHENNAI - 87	13.03817	80.17264	RTT
22	45735	156	0156_KNDR_Thirukalathur_C	NEAR DEVI KARUMARIAMMAN KOIL SIRUKALATHUR KUNTRATHUR- SRIPERUMPUDUR RD	12.99388	80.07601	GBT
23	50151	177	0177_KNDR_ManikandanNgr_ C	S. NO: 18/10, DOOR NO: 19, KUNDRATHUR PALLAVARAM MAIN ROAD, KARAIMA NAGAR, KUNDRATHUR, CHENNAI - 69.	12.99291	80.11431	GBT
24	50495	182	0182_KNDR_Dmudali_ST_IUBI PM_C	NO: 40, DURAISAMY MUDALIAR STREET, KUNRATHUR, CHENNAI - 69	12.99932	80.09516	RTT
25	45109	223	223_KOLAPAKKAM_C	PLOT 1/70,ANNA MAIN ROAD, NAMATHU NAGAR, KOLAPPAKAM,CHENNAI-48	13.01049	80.15039	RTP
26	50983	265	265_Gerugambakam_VK_Ngr_ C	PLOT - B, 4TH AVENUE, ANNAI VELANKANNI NAGAR II EXTN., MUGALIVAKKAM, PORUR, CHENNAI - 116.	13.01902	80.15964	GBT
27	40169	3505	3505_KKNAGARGANDHINAGA R_C	VISHNU COMPLEX, PLOT NO1, NEW NO 37, BLN PRASAD NAGAR, VOC STREET, KAIKAM KUPPAM, VALASARAVAKKAM, CHENNAI.	13.03932	80.18801	RTT
28	40309	3516	3516_NESSAPAKAM_B	SURVEY NO 70/1, NO 9, ANNAI INDIRA NAGAR, NESAPAKKAM, CHENNAI - 78	13.03212	80.18941	RTT
29	50796	3549	3549_Ramvaram_IND_Avenue _C	DOOR NO: 3/9, SRI GANGAIAH NAIDU INDUSTRIAL AVENUE, RAMAPURAM, CHENNAI - 89	13.03202	80.18447	RTT
30	40282	3663	3663_MANAPAKKAM_ASHRA MROAD_C	1A(2/681) MUKTHI ENCLAVE ASHRAM ROAD MANAPAKKAN CHENNAI 116	13.01722	80.17751	RTT
31	50569	3664	3664_MANAPAKKAM_C	3/241, MANAPAKKAM MAIN ROAD, PORUR, CHENNAI - 116 (NEAR TO MIOT HOSPITAL)	13.01993	80.18132	RTT
32	40214	3665	3665_RAMAPURAM_SATHYA_ NGR_B	PLOT NO-5,DOOR NO-3/76, SATHYA NAGAR MAIN ROAD, RAMA PURAM, CH-89	13.02227	80.18568	RTT
33	35201	3669	3669_LARSEN_TOUBRO_A	PONAMALLEE HIGH RD, RAMAVARAM, CHENNAI	13.02249	80.17881	RTP

CLUSTER ID: SDEANR4

	DGM AREA : DGM NWO1			Division : DE_ANR	Sub division: SDEANR4		
SI	Unique	Site	Site name	Address	LATITUDE	LONGITUDE	Tower
No	id	id			DD.DDDD	DD.DDDD	type
1	20202	155	OAFE VCNABKNA VombuliommonSt IIIDIDNA A	NO CC ARCOT	12.04501	80.18716	DTT
1	30383	155	0155_VGMBKM_VembuliammanSt_IUBIPM_A	NO.66,ARCOT	13.04591	80.18716	RTT
				RD,,ALWARTHIRU			
				NAGAR,CHENNAI-87.			
2	50018	219	219_MGPRWEST_VGN_NGR_IUBIPM3_C_1	NO:19 - A, KAMARAJ STREET,	13.07403	80.16331	RTT
				VGN NAGAR, NOLAMBUR			
				MOGAPPAIR WEST,			
				CHENNAI - 95			
3	35197	2612	2612_MGE_3P_N_A	AMM TOWERS BLOCK-1,	13.08641	80.17933	RTP
				THIRUVALLUVAR			
				ROAD,MOGAPPAIR, CH-			
				600037			
4	50790	2627	2627_MGP_VellalaSt_V1_N_C	No:96, Vellalar street,	13.08517	80.17478	RTT
				Mogappair, Chennai - 37			

CLUSTER ID: SDEANR3

	DGM AR	1 AREA : DGM NWO1 Division : DE_ ANR			Sub division: SDEANR3		
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUD E DD.DDDD	Tow er type
1	40115	101	0101_MDVL_Orionfarms_I UBIPM_C	PLOT NO 37, DOOR NO 2/18,ORION FORMS, ANNA IND. ESTATE,METTUKUPPAM,VANAGARAM,	12.04667	00.45752	DIT
2	40115	108	0108_Porur_Chettiyar_Aga ram_IUBIPM_C	CHENNAI-102 SURVEY NO 38, PLOT #45, VIJAYA LAKSHMI NAGAR, CHETTIYAR AGARAM, CHENNAI-77	13.04667	80.15753 80.14465	RTT GBT
3	50053	121	0121_IP_Porur_Kothandar amNgr_C	NO 4/6A, KOTHANDARAMA NAGAR, SAMAYAPURAM 5TH ANNEX, KARAMBAKKAM, PORUR, CHENNAI - 116.	13.04053	80.15319	RTT
4	40183	146	0146_ALPKM_Ashtalaksh miNgr_IUBIPM_C	PLOT:148, ASTALAKSHMI NAGAR, 3RD MAIN ROAD, ALAPAKAM, CHENNAI-116.	13.04632	80.16872	RTT
5	25645	147	0147_VLSVKM_Saimahal_I UBIPM_C	SAI MAHAL(NEW BLGD UNDER CONSTN),#153,ARCOT RD,VALASARAVAKAM,CHENNAI-87	13.04231	80.17772	RTT
6	50184	151	0151_VLSVKM_KamakotiN gr_C	NO:14, SANNADHI ST, KAMAKSHI NAGAR, VALASARAVAKKAM, CHENNAI - 81	13.04668	80.17392	RTT
7	50961	159	0159_Noombal_Goprasan allur_IUBIP_C 0160 SH Uddukottai C	PLOT NO: 112,113,114, MOOGAMBIGAI NAGAR, NOOMBAL. S. NO: 409/1A, PADUR ROAD, VUDKOTTAI,	13.046754	80.12877	GBT
8	50970	160	0161_NH4_Malayambakka	KUTHAMBAKKAM - 602107 NO.2/4, NW JAMES STREET, MALAYAMBAKKAM	13.04723	80.02586	GBT
9	50968	161	m_C 0162_Vellavedu_IUBIPM_	NORTH, CHENNAI - 602 103. OPEN LAND #22, MUTTU NAGAR, 40 FT ROAD,	13.02923	80.08461	GBT
10	35015	162	C 0166_Queensland_IUBIPM	VELLAVEDU, CHENNAI 360/7B, BANGALORE HIGH ROAD,	13.06811	80.03914	GBT
11	40216	166	_C	PAPPANCHATTRAM, ST JOHNS SCHOOL (OPP), CHEMBARAMPAKKAM, CHENNAI.	13.02999	80.03161	GBT
12	30210	172	0172_PNMLE_Kumananch avadi_IUBIPM_C	VACANT LAND,KUMANAN CHAVADI,POONAMALLEE RD.CHENNAI	13.04465	80.11691	GBT
13	40317	174	0174_PNMLE_KasthuriCo mplex_C	KASTURI COMPLEX, NO 7, BYPASSS ROAD, SENNEER KUPPAM, POONAMALLEE, CHENNAI - 56 (OWNER ADDRESS:- NO 89, OLD NO 49, SWAMI NAICKEN STREET, CHINDADRIPET, CH-2)	13.05692	80.11663	RTT
14	50964	184	0184_Mangadu_Koranath urRd_c	PLOT NO:8, MANALI SARVANAN NAGAR, OPPOSITE ELECTRICITY OFFICE, MANGADU, CHENNAI - 602101	13.037809	80.11419	GBT
15	45254	189	0189_KATPKM_ETAJasmin e_IUBIPM_C	ETA JASMINE COURT(APARTMENTS),PORUR	13.04548	80.11979	RTP
16	40318	195	0195_PNMLE_NemichandJ ain_IUBIPM_C	164, TRUNK ROAD, POONAMALLEE, CHENNAI- 56 (OWNER ADD:- 7/15, SANNADHI STREET, POONAMALLEE, CH- 56)	13.050736	80.0977	RTT
47	40240	197	0197_PNMLE_Nazarethpet _IUBIPM_C	PLOT NO 1B, THAMARAI STREET, ANBARASU NAGAR, NAZARATHPET, POONAMALEE, CHENNAI 602 103 (OWNER ADD:- 3/21, GANGAI AMMAN KOIL STREET, AGARAMMEL,	12.04224	00.07507	CDT
17	40319 50960	198	0198_Senneerkuppam_IU BIPM_C	NAZARATHPET, CHENNAI -602103) NO:5, CHRUCH STREET, SENNEERKUPPAM, CHENNAI - 56	13.04294 13.05107	80.07697	GBT

			201_MDVL_PH_ROAD_IUB	VACANT LAND,PLOT NO.20(NEXT TO G+1			
		201	IP_C	HOUSE), SANNADHI, IST CROSS			
19	30583		202_MDVL_Ganga_Ngr_IU	ST.,MADHURAVOIL, CHENNAI-95. PLOT NO R/100/2 SY NO 173 PT GANGANAGER	13.06452	80.16756	GBT
		202	BIP C	II MAIN ROAD MADURAVOIL VILLAGE			
20	25209	202		AMBATHUR TK(ADJ TO PORT CLINICK)	13.05404	80.17757	GBT
	23203		203_MDVL_Lakshmingr_M	NO:244, AMMAN KOIL ST, BHUVANESWARI	13.03 10 1	00.17737	001
21	50669	203	ettukuppam_IUBIP_C	NAGAR, METTUKUPPAM, CHENNAI - 107	13.05761	80.18483	RTT
		204	204_MDVI_NerkundramV	DOOR NO 8, MOOKAMBIKAI NAGAR, 2ND MAIN			
22	40185	204	ALIAMALNGR_IUBIP_C	ROAD, NERKUNDRAM(SOUTH), CHENNAI - 107	13.06222	80.18531	RTT
		205	205_MDVL_MMDAColony	4/502,VANI KRISHNA ENCLAVE,MMDA			
23	40136		_IUBIP_B	COLONEY,MADURAVAWYAL,CHENNAI-102	13.06327	80.17741	RTT
		208	208_MDVL_Cholan_Nagar _IUBIP_C_1	NO:35, SAMAYAPURATHU MAARIAMMAN KOIL STREET, LAKSHMI NAGAR, MADURAVOYAL,			
24	50183	200	_10Bii _C_1	CHENNAI - 95.	13.05787	80.16519	RTT
			210_ALPKM_GANAPATHY	2/1 A, GANAPATHI NAGAR MAIN ROAD,			
		210	NGR_IUBIP_C	VALLIAMMAL NAGAR, VANAGARAM POST,			
25	50500		212 ALAPPAKKAM IUBIP	CHENNAI - 95. THIRU SEVEN HILLS, POLYTECHENNAIIC	13.05221	80.16103	RTT
		212	C	COLLEGE, MADURAVOYAL, CHENNAI-602102,			
26	35018			ALAPAKKAM MAIN RD.	13.05057	80.16595	RTP
			213_ADAYALAMPATTU_IU	FLAT NO: 115, MILLINEUM TOWN,			
27	50029	213	BIP_C_1	ADYALAMPATTU, NEAR MADURAVOYAL BYE	12.00502	90 15796	CDT
27	50029		214 VANAGARAM IUBIP	PASS ROAD 1/36, VEMBULI NAICKER STREET, VANAGARAM,	13.06592	80.15786	GBT
28	40184	214	C_1	CH-95	13.059491	80.15618	RTT
	.0101	245	215_VLPCHVD_Noombal_S	DHANABAKIAM COMPLEX, 112B, P H ROAD,	10.000 .01	00.25020	
29	40300	215	aveethaColl_IUBIP_C_1	VELAPPANCHAVADI, CHENNAI 77	13.055334	80.12498	RTP
		216	216_Velappanchavadi_IUB	KENDRIYA VIHAR, ADMINISTRATIVE BLOCK,PH			
30	25668	210	IP_B_1	ROAD, VELAPPAN CHAVADI, CHENNAI-77	13.06068	80.13699	GBT
		217	217_MGPR_JeshwanthNgr	SREYAS, NO: 37, JASHWANTH NAGAR			
31	51070		_C_1	EXTENSION, MUGAPPAIR, CHENNAI - 37.	13.08601	80.16352	RTT
		289	289_MDVL_MGR_Universi ty_IUBIP_C	123, POONAMALLE HIGH ROAD, OPP. TO MGR ENGINEERING COLLEGE, MADHURAVOYAL,			
32	50499	203	(7_10011 _C	CHENNAI-95	13.06735	80.17842	RTP
		406	0486_Apollo_Nursing_Ho	APPOLO NURSING HOME IYNAMBAKKAM			
33	51427	486	me_C	CHENNAI-95	13.07089	80.15089	IBS
		935	0935_AMB_Koladi_C	S.NO.64/2D, REDDY STREET, CHINNA			
34	50022			KOLADI,TIRUVERKADU, CH-77.	13.082413	80.12807	GBT
25	50400	945	0945_Thiruverkadu_west_ C	PLOT NO.8, BALAJI GOVIND NAGAR, THIRUVERKADU VILLAGE, CHENNAI - 77	42.07664	00.42062	CDT
35	50109		2671_MGW_MVsalai_V1_	3/636, kavimani salai, mogappair west, chennai-	13.07661	80.12063	GBT
36	51455	2671	N_B	37	13.08365	80.17284	RTT
- 50	32.33	222	2864_MGPR_EastBarna	5/259A,BARNAS SALAI,MOGGAPPIAR EAST CH-		55.27251	
37	40196	2864	 _Salai_IUBIP_B	37	13.08086	80.18621	RTT
		2865	2865_MGP_ERIsch_IV_N_	D-13, Mogapair Industrial Estate, Mogapai East,			
38	40276	2003	A	Chennai 37	13.07575	80.18087	RTT
		2870	2870_Golden_Grg_Ng_V1	No: 286, Pillayar Kovil Street, Near Perumal			
39	50789		_N_C	Temple, Golden george Nagar, Chennai - 107	13.07401	80.18457	RTT
		2075	2875-	G-8,Thamarai Street (SAMANTHI			
40	40205	2875	BrindavanNg_IV_N_A	STREET),BRINADAVAN NAGAR,KOYEMBEDU CH-	13.06471	80.19475	RTP
	70203		2921-NRKDM_IV_N_B	No 41A. Karuneekar street, Nerkundram,	13.007/1	00.13473	13.11
41	40301	2921		Chennai – 107	13.06844	80.18405	RTT
41	40301	2921			13.06844	80.18405	R

CLUSTER ID: SDEANR5

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	DGM AR	EA : DG	M NWO1	Division : DE_ ANR	Sub division	: SDEANR5	
SI N	Unique id	Site id	Site name	Address	DD.DDDD	LONGITUD E DD.DDDD	Towe r type
1	50106	264	264_Rajankupam_C_1	PL.NO.329, METRO NAGAR, RAJANKUPPAM,NEAR AYANAMBAKKAM, CHENNAI	13.07351	80.14631	GBT
2	50977	295	295_AVD_Kavarapalayam_C_ 1	NO. 2, JOTHI RAMALINGAM STREET, WEST KAVARAPALAYAM, AVADI, CHENNAI - 54.	13.12065	80.08607	GBT
3	40225	813	0813_AMB_Pudur_IUBIP_C	OLD NO 13, NEW NO 144 REDHILLS ROAD, BHARATHI NAGAR, PUDUR, AMBATTUR, CH - 53	13.129676	80.15745	RTT
4	40304	817	0817_AVD_POOMPOZHIL_N GR_IUBIP_B	PLOT NO 641, POOMPOZHIL NAGR, ANNA STREET, AVADI, CHENNAI-62	13.13933	80.10712	GBT
5	40901	823	0823_AMB_Oragadam_C	3/9, KALAI VANAR CROSS STREET, AMBATTUR, ORAGADAM, CHENNAI - 53	13.140457	80.15709	GBT
6	50834	826	0826_AVD_Vallanur_IUBIP_B	NO:10, IST STREET, VALLANUR, VIA SM NAGAR, AVADI, CHENNAI - 62	13.15625	80.09975	GBT
7	50025	839	0839_AVD_Puttagaram_IUBI P_C	NO.3,VIJAYALAKSHMI NAGAR,SURAPET MAIN ROAD,PUTTAGARAM,CHENNAI-99	13.14058	80.19769	RTT
8	40955	840	0840_AVADI_IAFIUBIP_B	#21, ANGAPPAN STREET, MITTANAMALLEE,IAF AVADI,CH-55	13.153623	80.06967	GBT
9	45140	843	0843_AVD_VelHitech_C	AVADI VEL HITECH COLLEGE,AVADI,CHENNAI.	13.18797	80.10588	RTP
10	45151	844	0844_AVD_VELTechUniv_IUB IP_C	#42 & 60, AVADI-VEL TECH ROAD,AVADI,CHENNAI-62.	13.17635	80.09794	RTP
11	50396	846	0846_AVD_Arakkambakkam _C	PLOT NO: 162, GANAPATHY NAGAR, VEERAPURAM, ARAKAMBAKKAM, CHENNAI - 55	13.18423	80.08331	GBT
12	50024	850	0850_AVD_CRPF_IUBIP_A	CRPF,AVADI CHENNAI 601202	13.157625	80.0902	GBT
13	25665	853	0853_AMB_AKS_Builders_IU BIPM_B	AKS Builders, #63, KK Road, Venkatapuram, Ambattur, Chennai-53	13.11985	80.15732	RTT
14	40321	854	0854_AMB_MTHRoad_IUBIP _B	Dr.Rabindrans Health Care center Pvt Ltd, 212 MTH Road, Ambattur, Ch- 53	13.11913	80.15051	RTP
15	50632	856	0856_AMB_Moogambigai_N agar_IUBIP_C	PLOT NO.250, 9TH STREET, EAST BALAJI NAGAR, KALLIKUPPAM, AMBATUR, CHENNAI-53	13.135515	80.17225	GBT
16	50003	863	0863_TMVYL_Manneeswarar _Nagar_IUBIP_C	14, MASILAMANEESWARAR NAGAR, THIRUMULLAIVOYAL, CHENNAI-62.	13.138665	80.13225	GBT
17	51342	865	0865_AVD_Kattur_Women_I ND_Estate_C	PLOT NO.180,WOMEN INDUSTRIAL ESTATE,KATTUR,VALLANUR,CHENNAI-600062	13.18499	80.12196	RTT
18	50001	902	0902_ThanduraiPattabiram_ C	S.NO.337/1, NO.22, PALLA STREET, THANDURAI PATTABIRAM, CH-72.	13.11215	80.06294	GBT
19	50784	903	0903_AVD_Paruthipet_Srira mNgr_C	PLOT NO: 32, SRIRAM NAGAR, PARUTHIPET, AVADI, CHENNAI.	13.09082	80.10661	GBT
20	30377	906	0906_Pattabhiram_IUBIP_C	490/1, CTH ROAD, RAJIV GANDHI NAGAR SEKKADU PATTABIRAM, CHENNAI	13.11987	80.07903	GBT
21	35281	908	0908_AVD_Nagarathinam_N gr_IUBIP_C	NO 6 VIJAY SING ILLAM, NAGARATHNA NAGAR, CTH ROAD, AAVADI - 54	13.11967	80.09298	RTT
22	40303	909	0909_AVD_BUS_STAND_IUBI P_B	NO 6, PERIYAR STREET, BHAKTHAVACHALA PURAM, AVADI, CHENNAI-54.	13.12035	80.10138	RTT
23	40314	910	0910_AMB_LENIN_NGR_IUBI P_C	PLOT NO 2, 26TH CROSS STREET, LENIN NGR EXTN, AMBATTUR, CH-58	13.12989	80.14299	GBT

24	35001	912	0912_TMVYL_JAKNGR_IUBIP	VACANT LAND, CSI PLOT, JACK NAGAR, NO16, THIRUMULLAIVOYAL VILLAGE, CH-62.	13.13177	80.13271	GBT
25	35057	914	0914_TMVL_Cholambedu_IU BIP_B	VACANT LAND, #14,NANNUL STREET, SAKTHI NAGAR,THIRUMULLAVOYAL, CHENNAI	13.118585	80.13168	GBT
26	40231	916	0916_Ayapakkam_TNHB_IUB IP_C	MIG-1823, TNHB, AYYAPAKKAM, AMBATTUR, CHN-77	13.10852	80.13108	GBT
27	50644	918	0918_PATTABIRAMS_JAYARA MNGR_IUBIP_C	NO.7, 4TH STREET(NEHRU STREET),JAYARAM NAGAR, PTMS, CHENNAI-55	13.13231	80.05549	GBT
28	40226	919	0919_AVD_JB_ESTATE_IUBIP _B	JANANEESWARI BHAWAN, NO 12, 6TH STREET, J.B ESTATE, AVADI, CHENNAI 54	13.11015	80.11072	GBT
29	40230	920	0920_AVD_Veeraraghavapur am_IUBIP_C	NO 24,AVADI MAIN ROAD, VEERARAGAVAPURAM, KADUVETTI, CHENNAI 77	13.07841	80.11085	GBT
30	50105	924	0924_AMB_Athipattu_C	112, VANNIAR STREET, AMBATTUR KUPPAM, CHENNAI - 58	13.09641	80.15525	GBT
31	40302	925	0925_AVADI_TNHB_IUBIP_C	PLOT NO 3734, FLAT NO 5,LIG1,TNHB AVADI, CH-53	13.11174	80.09938	GBT
32	51016	930	0930_AVD_Pattabiramachatr am_C	SHREE HARI THEATRE, IAF ROAD, PATTABIRAM, CHENNAI-72	13.12165	80.07015	GBT
33	50113	931	0931_AVD_STPeters_ENG_C ollege_IUBIP_C	#2,PERUMAL KOIL ST,REDDYPALAYAM, OPP.TO ST.PETERS ENGG COLLEGE,CH-77.	13.11091	80.12231	GBT
34	50975	932	0932_PBRM_Chittukadu_C	#1/129,THIRUMANAM VILLAGE,VOYALANALLUR,CHITTUKADU,PATTAB HIRAM ,CH-72	13.090223	80.05001	GBT
35	50117	933	0933_TNVR_SOUTH_C	PLOT NO: 7, GOMATHIPURAM, 7TH CROSS STREET (SARANYA CABLE TV BACK), THIRUNINDRAVUR, CHENNAI - 600 024.	13.12019	80.03333	GBT
36	50028	939	0939_TNVR_Pakkam_C	4/150, KAMARAJ STREET, PAKKAM, THIRUNINDRAVUR, CHENNAI-602024	13.15444	80.02556	GBT
37	50110	940	0940_AVD_NM_ROAD_IUBIP _C	H. NO:42, NEW MILITARY ROAD, AVADI, CHENNAI – 54	13.11657	80.09914	RTT
38	50601	946	0946_TNVR_Nemillichery_C	P.NO.5,EASWARAN NAGAR,NEMILICHERY(NEAR NEMILICHERY NEW CONSTRUCTING RAILWAY STATION)	13.12285	80.04789	GBT
39	51184	955	0955_TVLR_Nathamedu_C	824/3, GANAPATHY NAGAR, NATHAMEDU VILLAGE, THIRUNINDRAVUR, CHENNAI-602024.	13.13411	80.04044	GBT
40	51407	970	0970_AYAPAKKM_Ganesh_N gr_IUBIP_C	NO.5, SECOND STREET, GANESH NAGAR, AYAPAKKAM, CHENNAI-77.	13.09484	80.13769	GBT
41	51454	972	0972_AVD_Engine_Factory_I UBIP_B	AVADI ENGINE FACTORY, AVADI	13.13612	80.07545	GBT
42	40244	973	0973_TMVYL_VAISHNAVI_N GR_IUBIP_B	PLOT NO.19, 4TH STREET EXTENSION, SRIDEVI VAISHNAVI NAGAR, THIRUMULLAIVOYAL, CHN- 109	13.125696	80.12507	GBT
43	40275	2605	2605_AMB_Gnanamurty_IV_ N_B	256/A, Banu street, Gnanamurthy nagar, Chennai 600 053	13.11861	80.16566	GBT
44	30586	2608	2608_AMB_III_N_A	New NO 347, Selvaraj & co., Opp to Canara Bank, MTH Road, Ambattur, Ch-53	13.11018	80.15205	RTT
45	40306	2609	2609_AMB_EmperLift_IV_N_ B	19(23-A), Sidco Industrial Estate, Ambattur, Chennai - 98.	13.10897	80.16471	RTT
46	50392	2615	2615_AMB_Ind_Est_V1_N_C	95;D - 3, Industrial Estate, Ambattur, Chennai - 58	13.09669	80.16502	RTT

47	30585	2619	2619_SIDCO_III_N_C	GKS Estate, #76/1, Block B, Sidco Industrial Estate, Ambattur, Ch-98	13.10479	80.17379	RTT
48	40320	2620	2620_AMB_Kamrajpurm_IV_ N_C	SRIVARI INDUSTRY NO:1C2 K.SR.NAGAR AMBATTUR CHENNAI :53 (Owner address:- No 6B, Rathinam street, Dr.Moorthy Nagar, Padi, ch-50)	13.10292	80.15639	RTT
49	40266	2622	2622_Mannurpet_MTHRd_IV _N_B	NO.220, M.T.H.ROAD, MANNURPET, CHENNAI - 50	13.09918	80.17287	RTT
50	40265	2636	2636_AMB_PickfabEng_IV_N _B	Pickfab engg.Iron & steel Dealers. No 56& 57(SP), 3rd cross street, Industrial estate South, Ambattur, Chennai - 58	13.08995	80.16589	GBT
51	45947	2646	2646_OV_Alages_Ng_IV5_RL _N_B	ThiruMurugan Theatre, OV_Alagesan_Nagar, Ambattur, Chenai 53	13.11371	80.15691	RTP
52	50002	6320	6320_AMB_Rlway_STN_V1_ RL_N_B	No. 28, Raja Mudaliar Street, Vartha rajapuram, Infront of Ambattur Railway station, Chennai - 53.	13.11345	80.15239	RTP
53	44312	4215	4215_TIRUNIND_ANTNYNGR _TVLR_C	,NO:1,3RD CROSS ST,ST.ANTONY,S NGR,THIRUNINRAVUR, CHENNAI - 602024.	13.12851	80.02531	GBT
54	51587	6313	6313_AVD_Veerapuram_IUB IP_B	TSP III BATALION VERAPURAM AVADI	13.18768	80.09475	GBT

CLUSTER ID: SDECPT1

Annexure C1

	DGM AR	EA : DGI	M NWA	Division : DE_ CPT	Sub division	: SDECPT1	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	45729	4032	4032_NELVOY_MW_TO WER_KCM_C	NELVOY MW TOWER,UTR ROAD,PUKKADURAI	12.619149	79.828545	GBT
2	50272	4043	4043_Menalur_KCM_C	S.NO. 485/2A, UTHIRAMERUR VANDHAVASI MAIN ROAD, MENALUR VILLAGE, UTHIRAMERUR TALUK, KANCHEEPURAM DIST.	12.584381	79.734592	GBT
3	50273	4044	4044_Ravathanallur_KC M_C	S.NO.313/3, BRAMANAR STREET END, RAVATHANALLUR VILLAGE, UTHIRAMERUR TALUK, KANCHEEPURAM.	12.631892	79.707937	GBT
4	50304	4059	4059_Athiyur Melthuli_KCM_C	S.NO.57/14B1, ATHIYUR MELTHULI VILLAGE, AGARAMTHULI POST	12.55142	79.73047	GBT
5	50307	4060	4060_Pandavakkam_KC M_C	S.NO15/8,THIRUPULIVANAM SALAVAKKAM ROAD, PANDAVAKKAM VILLAGE, KUNNAVAKKAM POST, VIA SALAVAKKAM, UTHIRAMERUR TK.	12.668645	79.8169501	GBT
6	50309	4061	4061_Perungoli_KCM_C	S.NO.263/1B,REDDY STREET, PERUNGOLI VILLAGE & POST, UTHIRAMERUR TK., PIN-603314.	12.603926	79.806152	GBT
7	51043	4073	4073_Thirupulivanam_K CM_C	S.NO.376/15, D.NO.1/398, MARIAMMAN KOIL STREET, THIRUPULIVANAM VILLAGE, UTHIRAMERUR TK. KANCHEEPURAM DIST.	12.66686	79.76431	GBT
8	44091	4106	4106_NATHAPETTAI_KC M_C	NATHAPETTAI-KALIYANOO ROAD NEAR NATHAPETTAI RLY STN,KALIYANUR, TAMIL NADU 631601, INDIA	12.820856	79.753185	GBT
9	10258	4107	4107_RL_THAMARAITH ANGAL_KCM_B	WHITE GATE, INJAMBAKKAM, KANCHIPURAM TAMIL NADU 631502(OPPOSITE ROAD TO SELVAGANAPATHI HOTEL KCM BGL HW)	12.87519	79.69689	GBT
10	44103	4108	4108_THENAMBAKKAM _KCM_C	S.NO.776/22 (OLD S.NO.665/3),PERIYAR STREET,THENAMBAKKAM VILLAGE,KANCHIPURAM TK & DIST.	12.81055	79.734495	GBT
11	35204	4110	4110_RL_WALAJABAD_ KCM_A	S.NO:110/2B2,2C2,WALAJABAD TELEPHONE EXCH , WALAJABAD	12.79354	79.819731	GBT
12	40379	4126	4126_SALAVAKKAM_KC M_C	SALAVAKKAM EXCHANGE, SALAVAKKAM - TIRUMUKKUDAL RD, SALAVAKKAM, TAMIL NADU 603107, INDIA ?	12.666846	79.88887	GBT
13	40380	4127	4127_BALUCHETTICHAT RAM_KCM_C	R SANKARAN ANNA SALAI , BALUCHETTY CHATRAM, TAMIL NADU 631551, INDIA	12.87641	79.61831	GBT
14	45594	4135	4135_PADOOR_USO_KC M_C	PADOOR VILLAGE KANCHIPURAM DISTRICT	12.71181	79.82167	GBT
15	50817	4136	4136_Siyamangalam_KC M_C	WALAJABAD - CHENGALPATTU MAIN ROAD, KILOTTIVAKKAM VILLAGE, KANCHEEPURAM TALUK & DIST.	12.79816	79.78714	GBT
16	45527	4142	4142_RL_KAMRAJ_NAG AR_KCM_B	2ND STREET, KAMRAJ NAGR, KANCHEEPURAM	12.845917	79.709253	RTT
17	45529	4144	4144_ORIKKAI_KCM_B	BHARATHIDASAN NAGAR ORIKKAI KANCHIPURAM TALUK& DISTRICT	12.81247	79.71039	GBT
18	51042	4150	4150_Musaravakkam_K CM_C	M.R. DURAISWAMY, S/O RAJI NAICKER,S.NO.915, D.NO. 396, MAIN ROAD, MUSRWAKKAM, KANCHIPURAM TALUK & DIST	12.859595	79.609626	GBT

19	50266	4152	4152_Puttagaram_KCM _C	K. GOPAL, S/O P. KANNAPPA NAICKER,S.NO. 322/1B, D.NO. 54, BAJANAI KOIL STREET, PUTTAGARAM, KANCHIPURAM TALUK & DIST	12.842684	79.798899	GBT
20	50278	4153	4153_Sevilimedu_KCM_ C	S.NO. 240/2A, 240/2B1, SEVILIMEDU VILLAGE,KANCHEEPURAM,	12.80812	79.68411	GBT
21	50288	4154	4154_Kavanthandalam_ KCM_C	S.NO.388/34 (NEW NO.742/2, 742/3), VADAPATHI VELLALAR STREET, KAVANTHANDALAM VILLAGE, KANCHIPURAM TK	12.73097	79.79103	GBT
22	50289	4155	4155_Kavanipakkam_KC M_C	S.NO.267/1, KAVANIPAKKAM VILLAGE, PORPANDAL POST, (VIA SALAVAKKAM), UTHIRAMERUR TALUK, KANCHIPURAM	12.721198	79.893983	GBT
23	50306	4156	4156_Thammanur_KCM _C	S.NO.556/1,PLOT NO. 4, GANAPATHY NAGAR,THAMMANUR VILLAGE, KCM TK	12.772213	79.815482	GBT
24	50310	4157	4157_Siruvallur_KCM_C	S.NO.312/1A,MAIN ROAD, SIRUVALLUR VILLAGE, KCM TK	12.92012	79.73354	GBT
25	50311	4158	4158_Singidivakkam_KC M_C	S.NO.329/2, SINGIDIVAKKAM VILLAGE & POST, KCM TK. & DT.	12.86795	79.80558	GBT
26	50322	4160	4160_Kottavakkam_KC M_C	S.NO.7/3, 74 KANCHIPURAM KAMMAVARPALAYAM ROAD, KOTTAVAKKAM VILLAGE, PARANDUR POST,	12.953925	79.724194	GBT
27	50441	4164	4164_Vishar Nagar_KCM_C	NO:7, VISHAR VILLAGE, MELKADIRPUR POST, KANCHIPURAM	12.830277	79.627008	GBT
28	50448	4165	4165_KanchipuraEdami chi_KCM_C	SALAVAKKAM - KANCHIPURAM ROAD, EDAMICHI VILLAGE, PORPANDAL POST, (VIA) SALAVAKKAM, UTHIRAMERUR TK, KANCHIPURAM DIST.	12.687217	79.875378	GBT
29	50483	4168	4168_MInakshiMedicalC lg_KCM_A	HARIKRISHNA PURAM, KARAPETTAI POST, KANCHIPURAM	12.869206	79.718926	GBT
30	51044	4177	4177_Kalur_KCM_C	S.NO.25/3, (OLD. NO.25/1),KALLUR VILLAGE, KALAKATHUR POST,KCM TK	12.780757	79.735306	GBT
31	51148	4182	4182_RL_SV Sugar Mills_KCM_B	SV SUGAR MILLS, WALAZA ROAD-CHENGALPET ROAD, PALAYASEEVARAM, KANCHIPURAM DIST.	12.77891	79.85799	GBT
32	50286	4186	4186_Orikkai_New_KC M_C	S. NO: 58/2, MARIAMMAN KOIL STREET, CHINNAIYAKULAM VILLAGE, ORIKKAI POST, KANCHIPURAM.	12.800124	79.714556	GBT
33	50481	4187	4187_Melparamanur_K CM_C	DOOR NO. 1/99 A, METTU COLONY ROAD, ARPAKKAM VILLAGE, MAGARAL POST, KANCHIPURAM	12.73486	79.7612701	GBT
34	50810	4191	4191_Periakarumbur_K CM_C	S.BABU, PLOT NO 7, AKASH CITY, PERIAKARUMBUR VILLAGE, KANCHEEPURAM TALUK & DIST.9962246568	12.912657	79.680023	GBT
35	45142	4217	4217_MADURAMANGA LAM_SPD_C	MADURAMANGALAM EXCHANGE SUNGUVAR RD, MADURAMANGALAM, EMPERUMANAR JEEYAR MUTTTAMIL NADU 602108, INDIA ?	12.94852	79.81783	GBT
36	44075	4222	4222_VADAKKUPATTU_ SPD_C	VADAKKUPATTU	12.810244	79.939823	GBT
37	40842	4224	4224_SAINTGOBAIN_SP D_C	BACK OF SAINT GOBAIN FACTORY PLOT NO. , SIPCOT INDUSTRIAL PARK,, PHASE II, MAMBAKKAM, SRIPERUMBUDUR CHENNAI, TAMIL NADU 602106, INDIA	12.92763	79.91187	GBT
38	40878	4228	4228_MATTUR_SPD_B	MATHUR EXCHANGE,ORAGADAM- SRIPERMBADUR ROAD INDUSTRIAL CORRIDOR, MATHURVILLAGE ,SH 57, TAMIL NADU 631604,	12.873483	79.939121	GBT

39	45595	4232	4232_EKANAPURAM_U SO_SPD_C	EKANPURAM VILLAGE KANCHIPURAM DISTRICT	12.96064	79.776001	GBT
40	50124	4236	4236_Thirumangalam_S PD_C	S. NO: 122/1, NO: 116, THIRUMANGALAM, SRIPERUMBUDUR TK, & KANCHIPURA DIST.	12.93158	79.88914	GBT
41	50170	4239	4239_Santhavel_Thirum gl_SPD_C	SANTHAVELLORE, SUNGUVAR CHATRAM POST, SRIPERUMBUDUR.	12.915685	79.862464	GBT
42	50317	4247	4247_Pudupattu_SPD_C	S.NO.213/5, PUDUPATTU VILLAGE, PANNUR POST, TVR DIST	12.969695	79.839957	GBT
43	50318	4248	4248_Purisai_SPD_C	S.NO.405/1B, PURISAI VILLAGE & POST, VIA EDAYARPAKKAM, KCM TK & DIST.	12.983245	79.738824	GBT
44	50319	4249	4249_Koozhangalcheri_ SPD_C	S.NO.112/1B, NEHRU NAGAR,145, KAVALKAZHANI VILLAGE, SPD TK.	12.88409	79.98409	GBT
45	50323	4250	4250_Echoor_SPD_C	S.NO.640/20A, VACANT LAND AT NO.2, METTU STREET, ECHOOR VILLAGE, & POST, THENNERI, SRIPERUMBUDUR, KCM DIST.	12.889227	79.892973	GBT
46	50399	4256	4256_Kamatsu Padappai_SPD_C	GOPAL RAMALINGAM MEMORIAL ENGG. COLLEGE, KANCHIPURAM DISTRICT	12.86363	79.97198	RTT
47	50820	4260	4260_Thirupandiyur_SP D_C	S. NO: 155/12A, DOOR NO: 1/331, THIRUPANDHIYUR MAIN ROAD, THIRUPANDHIYUR VILLAGE & POST, TIRUVALLUR DISTRIT	12.957455	79.879917	GBT
48	51060	4261	4261_Navalur_SPD_C	S.NO.87/4, VACCANT LAND, SRIPERUMBUDHUR TAMBARAM ROAD, OPP TO THANTHONI AMMAN KOIL, JAYASAKTHI NAGAR, NAVALUR VILLAGE, SRIPERUMBUDHUR TALUK, KANCHEEPURAM DIST.	12.94267	79.983115	GBT
49	51110	4266	4266_RajivGandiEngcoll _SPD_C	RAJEEV GANDHI ENGG. COLLEGE, NEMILI, SRIPERUMBUDUR - 602105	12.999772	79.958865	GBT
50	51191	4280	4280_Oragadam Jun_SPD_A	ORAGADAM VILLAGE, MATHUR POST, SRIPERUMBUDUR TK.	12.84338	79.94526	GBT
51	51228	4281	4281_Kiloy_SPD_C	S.NO:38/1,D.NO:112, KILOY VILLAGE, SRIPERUMBUDUR TALUK, KANCHIPURAM DIST.	12.98304	79.91856	GBT
52	40385	4453	4453_RAJAKULAM_KCM _C	SHRIK.MANI, NO.124, CHENNAI -BANGLORE HIGHWAY, RAJA KULAM VILLAGE POST, KANCHEEPURAM - 631561	12.876381	79.77147	GBT
53	44081	4454	4454_RL_GOVINDAVADI _KCM_B	GOVINDAVADI VILLAGE KANCHIPURAM DISTRICT	12.945522	79.663216	GBT
54	45596	4461	4461_DEVIRIAMBAKKA M_USO_KCM_C	DEVIRIAMBAKKAM VILLAGE NEAR VARNAVASI ORGADAM - WALAJA ROAD KANCHIPURAM	12.81409	79.86693	GBT
55	51045	4462	4462_RL_Palayaseevara m_KCM_C	165, KANCHEEPIRAM CHENGALPATTU MAIN ROAD, PALAYASEEVARAM.	12.772746	79.873923	GBT
56	45420	4463	4463_SENDAMANGALA M_SPD_C	S.NO.67/2B2,OVERHEAD TANK STREET,SEDAMANGALAM VILLAGE,POST VIA SUGUNVARCHATRAM,SRIPERUMBUDUR TALUK.	12.90711	79.835129	GBT
57	50312	4805	4805_Damal_KCM_C	S.NO.1288/1,SANNATHI STREET, DAMAL VILLAGE & POST.	12.88627	79.59102	GBT
58	44094	4830	4830_AYYANGARKULA M_KCM_C	AYYANGARKULAM EXCHAGE NEAR GOVT SCHOOL & NAIDU STREET , KANCHIPURAM DISTRICT603106	12.784015	79.667248	GBT

CLUSTER ID: SDECPT3

Annexure C3

	DGM AR	EA : DGI	M NWA	Division : DE_ CPT	Sub division	: SDECPT3	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	51674	369	0369_KNGLR_SRM_GH_C	SRM General hospital casuality block SRM University Kattankulathur	12.82373	80.04791	RTP
2	40581	3302	3302_PUDUPPAKKAM_B	SPRINGFEEL POLY URETHANE FOAMS PVT , 51/2-A, KELAMBAKKAM- VANDALURROAD, PUDUPAKKAM	12.80433	80.19151	GBT
3	40582	3303	3303_PADUR_MAHABALI PURAM_RD_B	NO-3/156, KAZI PATTUR, PADUR POST, KANCHIPURAM DISTT.,OMR, CH-603103	12.81897	80.23003	GBT
4	30621	3320	3320_NBSNL_THIRUPPOR UR_C	#114 , THANDALAM MAIN RD , THIRUPORUR.	12.714251	80.186235	GBT
5	51040	3352	3352_Thaiyur_C	S.NO.776/15, THAIYUR VILLAGE & POST, KELAMBAKKAM VIA	12.770556	80.18596	GBT
6	51337	3354	3354_Butterfly_Kelamba kkam_C	GANDHIMATHI APPLIANCES LIMITED,143,PUDUPAKKAM VILLAGE, VANDALUR KELAMBAKKAM ROAD,KELAMBAKKAM-603103,KCM DISTRICT	12.79896	80.203547	RTP
7	50402	3368	3368_SSN College_A	NO:13, SCHOOL STREET, OMR ROAD, KALAVAKKAM, THIRUPORUR,.	12.746772	80.2006956	GBT
8	51460	3375	3375_SIRSERISIPCO_RAD HA_ENG_B	Radha Engineering, Interlace IT solutions, 9/D12, SIPCOT IT Park, Siruseri, Chennai 603103	12.82038	80.21568	RTP
9	50258	3377	3377_KELABKM_THAIYU R_C	New S. No 1594/14, Old S.No 1348/1, Plot No 46, Thaiyur Village, Kelambakkam.	12.77129	80.21279	GBT
10	51739	3386	3386_Pudupakkam_Lawc ollege_IUBIP	Dr.Ambedkar law college pudupakkam,siruseri -	12.823437	80.19019	GBT
11	45260	3831	3831_RL_TAMBARAM_IR UMPULYUR_B	FATIMA MANZIL,12/11 BHARTIYAR STREET , IRUMBULAIYUR, CHENNAI	12.91713	80.10649	RTT
12	50381	3843	3843_RL_IrumbuliyBalaji NGRV_A	SRI SESHADRI NIVAS, NO:15 A, KAVERY STREET, BALAJI NAGAR, EAST TAMBARAM, IRUMBULIYUR, CHENNAI - 59	12.912694	80.105954	RTT
13	50598	3864	3864_RL_Tambaram MCC V.1_A	NO 39, VELACHERY ROAD, (NEAR M C C), TAMBARAM EAST, CHENNAI 59.	12.923164	80.118921	RTT
14	30580	3901	3901_KEELKOTAYUR_A	#61, SAHAYAPURI LAYOUT,KEEZHKOTTAIYUR VILLAGE,THIRPORUR PANCHAYAT,KANCHIPURAM DIST.CHENNAI-48	12.83931	80.15562	GBT
15	30578	3904	3904_RL_NBSNL_GUDUV ANCHERI_A	# 113, G.S.T ROAD(JAYALAXMI FLOOR MILLS),GUDUVANCHERI , CHENNAI.603 202	12.84201	80.05859	GBT
16	30579	3905	3905_MANNIVAKKAM_B	SRI T.R RAJAMANI,67/68,1ST MAIN ROAD,SHANMUGA NGR,MANIVAKKAM,CHENNAI-48	12.896035	80.063376	GBT
17	35059	3906	3906_RL_MM_NAGAR_II _A	MIG-128, VALLAL NALLAIAH KOADAN STREET, NH-1, MM NAGAR, KANCHIPURAM 603209	12.79687	80.02221	RTP
18	40329	3907	3907_RL_PERUNGALATH UR_A	PLOT NO 7, NOBLE STREET FIRST CROSS, SRINIVASA NAGAR, CHENNAI 63	12.91088	80.09698	GBT
19	40585	3908	3908_RL_KKLR_POULTRY _FARM_A	GOVT POULTRY FARM (AREA BEHIND ATIC BUILDING, KATTUPAKKAM, KATTANKULATHUR, KANCHEEPURAM DIST, 603 203	12.81613	80.03586	GBT
20	40587	3910	3910_RL_URAPAKKAM_A	OLN NO17, NEW NO-155, GST ROAD, URAPAKKAM POST, GUDVANCHERY,CH-603202	12.86116	80.07261	GBT
21	40326	3912	3912_OLD_PERUNGALAT HUR_A	SURVER NO 243/54,ANNA PARK, KANNAGI STREET, PERUNGALATHUR SPECIAL VILLAGE PANCHAYAT, CHENNAI - 63	12.91669	80.083647	GBT

22	40580	3913	3913_TAGORE_ENGG_CO	TAGORE ENGINEERING COLLEGE, RATHINAMANGALAM VILLAGE, VANDALUR POST	12.861187	80.131675	GBT
23	40710	3914	3914_RL_IBS_SRM_COLL EGE_A	SRM COLLEGE(HOTEL MANAGEMENT BLDG),GST ROAD,POTHERI	12.82271	80.04149	RTP
24	40713	3916	3916_SSM_RESIDENCY_B	SSM RESIDENCYPERUNGALATHUR	12.892677	80.120072	RTP
25	50006	3923	3923_Vengadamangalam CHR_C	S.NO.52-2B5, VENKATAMANAGALAM	12.864933	80.161772	GBT
26	50035	3926	3926_Guduvancheri_C	PLOT NO:17, KRISHNAPURI, ADHANUR VILLAGE, GUDUVANCHERRY	12.860797	80.052558	GBT
27	50040	3927	3927_Kandigai_C	OLD NO 47, NEW NO 127, PILLAYAR KOIL STREET, NALLAMBAKKAM, MADURA KANDIGAI VILLAGE, CHENNAI-48	12.84891	80.13854	GBT
28	50041	3928	3928_Madanapuram2_A	# RAGAVENDRA ST,GUNDUMEDU, NEW PERUNGALATHUR, CHENNAI-61	12.904629	80.083058	GBT
29	50243	3933	3933_Peerkankaranai_C	97/3, EASWARAN KOIL STREET, NEDUNGUNRAM, CHENNAI - 48	12.88374	80.11305	GBT
30	50308	3934	3934_Manimangalam_C	S.NO.630/2,D.NO.1/71,EAST MADA STREET, MANIMANGALAM VILLAFE, PADAPPAI, SRIPERUMBUDUR, PIN-601301.	12.918826	80.04296	GBT
31	50359	3935	3935_Karanai puducheri_C	PL. 68, DJV AVENUE, KARANAI PUDUCHERI, CHENNAI- 603202	12.837262	80.083045	GBT
32	50362	3936	3936_Kayarambedu_new _C	S.NO 306/3, PLOT NO 2, TAMIL SELVI NAGAR, KAYARAMBEDU VILLAGE,CH-603202	12.80786	80.07483	GBT
33	50364	3937	3937_Kolathur_C	S.NO.34,, D.NO.8, SANNADHI STREET, KOLATHUR VILLAGE	12.81268	80.159886	GBT
34	50374	3939	3939_Mudichur_New_ V_B	4/116, MUDICHUR MAIN ROAD, MUDICHUR, CHENNAI - 48.	12.916091	80.07219	GBT
35	50387	3940	3940_Mampakkam MainRd_New_V_C	S. NO: 114 B / 2, MAMPAKKAM VILLAGE, VIA KELAMBAKKAM TO VANDALUR, CHENNAI - 48	12.823633	80.169147	GBT
36	45652	3949	3949_AGARAM_CPT_US O_C	NELLIKUPPAM,AGARAM ,KANCHIPURAM	12.75429	80.105801	GBT
37	50582	3950	3950_RL_Perungalathur_ V_A	23, SRINIVASA RAGAVAN ROAD, SRINIVASA NAGAR, NEW PERUNGALATHUR, CHENNAI - 63.	12.90631	80.09492	RTT
38	50361	3955	3955_Kayar_C	2/160, PALLA THERU, KAYAR POST, THIRUPORUR VIA - 603 110	12.769626	80.144928	GBT
	50149	3958	3958_RL_Kattangalathur _C	S.NO: 2985-14, 295-15A1, PLOT NO: 10, THIRUVALLUVAR STREET, KATTANKOLATHUR VILLAGE.	12.80976	80.03312	GBT
39	51190	3961	3961_Karunilam_C	NO:1/108,METTU STREET, KARUNILAM POST, CHENGALPET TALUK, KANCHIPURAM DIST.	12.76366	80.05844	GBT
40	51426	3968	3968_SATYASAI MED COLLEGE_A	SRI SATHYA SAI MEDICAL COLLEGE AND RESEARCH INSTITUTE,THIRUPORUR-GUDUVANCHERRY MAIN RD, NELLIKUPPAM CHENNAI-603108	12.74516	80.13042	RTP
42	51461	3972	3972_UNAMANCERY_PO LICE_ADMY_A	Police Training Academy Unamanchery, Chennai-48	12.86234	80.10033	GBT
43	51588	3975	3975_AbdurRehman_Uni versity_C	Mechanical sciences block,B.S.Abdur Rehman university,Seethakathi estate,Vandalur,Chennai	12.87485	80.08484	RTP
44	51555	3976	3976_RTTC_MMNGR_C	Regional Telecom Training center,Pavendar Salai, Maraimalai Nagar, Tamil Nadu 603209	12.78219	80.02911	RTP
45	51532	5730	5730_MM_NGR_RailNag	no.4/24, Valayapathi street, NH3, Maraimalai nagar	12.78885	80.03526	RTT
46	51675	5762	5762_SRM_ENG_Staff_Qt rs	SRM Engineering staff quarters,B-block ,SRM University Kattankulathur	12.82073	80.04519	RTP

			<u>CLUSTER ID</u> :	SDEFBR2	<u> </u>	Annexure F2	
	DGM AR	EA : DO	GM NWO-III	Division : DE_ FBR	Sub division	: SDEFBR2	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	50063	601	0601_MVM_Moolachatra m_MMC_IUBIP_C	#1, ANNAI INDHRA NAGAR, NETHAJI STREET, MOOLACHATRAM, CHENNAI-51	13.14737	80.24848	GBT
2	50870	605	0605_MVM_Thabalpetti_C	# 1, FIRST STREET, UDAYAR THOTTAM, MADHAVARAM, CHENNAI - 60	13.13932	80.23552	GBT
3	50845	606	0606_Thanigachalam_Ngr _C	DOOR NO: 7 - A, SRI RAMAN SALAI, THANIGASALAM NAGAR, CHENNAI - 110	13.13102	80.23079	RTT
4	50867	612	0612_MVM_SelliammanN gr_C	NO:11/4, CHELLIAMMAN KOIL ST, CHELLIAMMAN NAGAR, MADHAVARAM, CHENNAI - 60	13.15941	80.23246	GBT
5	25323	613	0613_MVM_MILK_Colony _IUBIP_C	#7, HARBOUR COLONY, 2ND STREET, KODUNGAIYUR, CHENNAI-118	13.14474	80.24163	GBT
6	40089	618	0618_MVM_Ponniamman medu_IUBIP_C	107, GNT ROAD, PONNIAMMAN MEDU, CHENNAI - 110	13.13454	80.23398	GBT
7	40322	622	0622_KODGYR_Jambuli_N ew_colony_IUBIP_C	NO 8, GOVINDASAMY NAGAR, JAMBULI NEW COLONY, KODUNGAIYUR, CHENNAI - 118	13.136796	80.241378	GBT
8	40210	627	0627_MVM_NEHRU_STRE ET_IUBIP_C	13A/20, NEHRU STREET, MADHAVARAM, CHENNAI - 60	13.14987	80.23189	GBT
9	40221	630	0630_MVM_Maryland_IU BIP_C	34 , MARY LAND ESTATE, PANCHAYAPPA NAIKAR TOTTAM, MOOLA CHANTRAM MAIN ROAD CH-51	13.15623	80.24803	GBT
10	45862	635	0635_MNL_Manjapakkam _IUBIP_C	1/125, PERUMALPUT STREET, MANALI, MANJAPAKKAM, CHENNAI - 60	13.16573	80.23105	GBT
11	50058	637	0637_MVM_SanjayNgr_IU BIP_C	NO:10 & 11, SANJAY NAGAR, PONNIAMMAN MEDU, CHENNAI - 110	13.13477	80.22475	RTT
12	51092	652	0652_MVM_PONMEDU_B harathiNgr_C	#7, BHARATHI NAGAR, PONNIAMMAN MEDU, CHENNAI-110	13.13762	80.21983	GBT
13	30599	728	728_PBR_VetriNgr_IUBIP M_C_1	Old No:22 New No:10,Varadarajan st, Vettrinagar, chennai-82	13.12409	80.23003	RTT
14	50837	801	0801_Kummanoor_C	PLOT NO:249,SURVEY NO:97/4, SHAKTHI GARDEN, KUMANOOR VILLAGE, CHENNAI- 62.	13.21971	80.19918	GBT
15	50212	802	0802_RDH_KANNADAPAL AYAM_IUBIPM2_C	OLD:19, NEW:20 &21, TVK IST STREET, KANNADAPALYAM, PUZHAL, CHENNAI- 600066	13.16891	80.20328	GBT
16	50502	803	0803_M_A_Nagar_Redhills _IUBIP_C	DOOR NO.4/100, M.A KOVIL STREET, M.A NAGAR, CHENNAI-52	13.19786	80.17431	RTT
17	50064	805	0805_Gnayiru_C	OLD S.NO.360/1,NEW S.NO.1042/20, EASWARAN ST., GNAYIRU VILLAGE POST, THIRUVELLUR DT., CHENNAI-67	13.26142	80.21684	GBT
18	50841	806	0806_Payasambakkam_C	PLOT NO:28, DEVI NAGAR, PULLILINE VILLAGE, CHENNAI - 60.	13.18203	80.21696	GBT
19	40323	807	0807_CHVM_NARAYANPE T_IUBIP_B	8/68,AVVAIYAR STREER, NARAYANAMBEDU, SHOLAVARAM,CHENNAI- 67	13.24607	80.15773	GBT
20	40324	808	0808_CHVM_VIJAYANALU R_IUBIP_B	14-A,G.N.T ROAD,VIJAYANALLUR, CHENNAI -67	13.21967	80.16788	GBT

21	40328	809	0809_CHVM_BALAMURUG AN_NGR_IUBIP_C	PLOT NO 34, I CROSS ROAD, ATTANTHANGAL VILLAGE, SURVEY NO 48/2A, BALAMURUGAN NAGAR, SHOLAVARAM PANCHAYAT, CHENNAI 600 067.	13.20018	80.16778	GBT
22	40208	810	0810_RDH_GNT_Road_IU BIP_C	SURYA COLLECTIONS, 60 GNT ROAD, REDHILLS, CHENNAI - 52	13.18847	80.18841	RTP
23	40209	811	0811_RDH_KAVANGARAI_I UBIP_C	NO 114, THIRUNEELA KANDAR NAGAR PART II, KAVANKARAI, CHENNAI	13.17413	80.20326	GBT
24	40305	812	0812_Surapet_Shanmugap uram_IUBIP_C	PLOT NO 518, SIVAPRAKASAM NAGAR, SHANMUGA PURAM, SURAPET, CHENNAI - 99 (OWNER ADD:- NO 107-A BLOCK, IST MAIN RD, PONNIAMMAN MEDU, THANIKACHALAM NAGAR, CHENNAI -110)	13.139405	80.182199	GBT
25	40315	815	815_KOLR_SHIVASAKTHI_ NGR_IUBIP_B_1	PLOT NO.24 & 27, SHIVA SHAKTHI NAGAR, 2ND STREET, KOLATHUR, CHN-99	13.124988	80.210339	GBT
26	51089	818	0818_CHVM_TeacherColo ny_C	PLOT NO: 2, TEACHERS COLONY, AMBEDKAR ST., SOLAVARAM, CHENNAI - 67.	13.23329	80.16591	GBT
27	50868	827	0827_MVM_Vinayagapura m_IUBIP_C	PLOT NO:36/37, BALAVINAYAGAR KOIL ST, MADHAVAN NAGAR 2ND STREET, VINAYAGAPURAM, CH - 99	13.13821	80.20525	RTT
28	30596	835	0835_RDH_Alamathi_IUBI P_C	VACANT LAND,BEHIND MEGAA MIST ENTERPRISES,#289/1C-2,GARDEN RD,ALAMATHI,CHENNAI-52	13.205453	80.121801	GBT
29	25322	838	0838_KOLR_Annai_illam_I UBIPM_B	Plot No:1,Door no:2/1,1st main road,Srinivas nagar,Kolathur,chennai-99	13.12019	80.20368	GBT
30	45136	841	0841_Puzhal_VELAMMAL_ COLLEGE_C	VELAMMAL ENG. COLLEGE	13.15002	80.19104	RTP
31	45705	851	0851_CHVM_Budur_C	S.NO.69/1, BOOTHUR VILLAGE & POST, PADALAM VIA,MDK TK	13.23821	80.20031	GBT
32	50208	858	0858_RDH_ByepassRd_IU BIPM2_B	NO.44/5, BYEPASS ROAD, RED HILLS, CHENNAI-52	13.19321	80.18687	RTT
33	51217	866	0866_Thirunilai_Vichur_C	NACHAMMAKL NAGAR, THIRUNAILAI VILLAGE & POST, VICHUR	13.23416	80.23191	GBT
34	50842	867	0867_RDH_BavaniNgr_C	1/305, ANGAMMAN KOIL STREET, THIRTHAGIRIYAN PATTU, REDHILLS, CHENNAI-600052.	13.19984	80.18919	GBT
35	50060	868	0868_RDH_KANNAMPALA YAM_C	7,METTU STREET,REDHILLS	13.19325	80.21524	GBT
36	35054	873	873_KOLR_DevakiNgr_IUBI P_B	PLOT NO.19,d.NO.2,JAYALAKSHMI NILAYAM,III CROSS ST, TIRUPATHI NAGAR, KOLATHUR, CH-99	13.12762	80.22343	GBT
37	50738	874	874_KolathurWest_IUBIP_ C	19, VIVEKANANDA MAIN ROAD, KOLATHUR, CHENNAI-99	13.12522	80.20136	RTT
38	40200	951	951_KOLR_LAKSHMIPURA M_IUBIP_B_1	NO 14, KADAPAH ROAD, RAMANUJAM NAGAR, CHENNAI -99	13.13115	80.20532	GBT

CLUSTER ID : SDEFBR3

Annexure F3

	DGM AR	EA : Do	GM NWO-III	Division : DE_ FBR	Sub division	n: SDEFBR3	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	50061	624	0624_MNL_Selaivayal_C	S.NO 12/10A, PATTA NO 588, KANNABIRAN KOIL STREET, CHINNASEKKADU, MANALI, CHENNAI-68	13.15238	80.25897	GBT
2	40217	631	0631_MATHUR_HB_IUB IP_C	NO-4454, LIG-II, MATHUR VILLAGE, TNHB MADHAVARAM SCHEME, MANALI POST, CHENNAI- 68.	13.16764	80.24571	GBT
3	40218	632	0632_MNL_JAYAM_MA HAL_IUBIP_C	#144 , JAYAM MAHAL, SCHOOL STREET, MANALI, CH-68	13.16654	80.25869	RTT
4	50865	638	0638_MVM_Kosapur_C	3/169, PERUMAL KOIL ST, KOSAPUR, CHENNAI - 60	13.18259	80.23597	GBT
5	51361	653	0653_MVM_Periamath ur_C	SRI.PALANI, LAKSHMINARAYANA KALYANA MANDAPAM, KAMARAJ SALAI,NEHRU NAGAR, PERIA MATHUR, CH-68	13.16784	80.23873	RTT
6	40211	657	0657_ERNAVUR_THER_ PR_ST_IUBIP_C	ENNORE THERMAL POWER STATION	13.19302	80.31122	GBT
7	30594	659	0659_TVYR_Mettu_Stre et_IUBIP_C	112/97C METTU ST, SATTANAN GARDEN THIRUVOTTIYUR,CHENNAI	13.14705	80.29441	GBT
8	35002	661	0661_TVYR_Northmada St_IUBIP_C	28/76B, NORTHMADA STREET, TIRVOTIYUR, CHENNAI-19	13.16191	80.30206	RTT
9	40310	663	0663_ERNVUR_Bharath _Nagar_C	SARASWATHI ILLAM, 39/54, 2ND STREET, BHARATH NAGAR, ERNAVOOR, CHENNAI - 600 057	13.18433	80.31155	RTT
10	40098	664	0664_TVYR_Ramaswam yNgr_IUBIP_C	P.NO.73, RAMASAMY NAGAR, THIRUVOTTIYUR, CH-19.	13.16745	80.29337	GBT
11	40806	671	0671_MNL_Petrochemi cals_IUBIP_C	127/5, PONNERI HIGH ROAD, MANALI, CHENNAI	13.18014	80.27071	GBT
12	44301	672	0672_MNL_PetroChemi cals_C	MANALI PETROCHEMICALS LTD,,,MANALI,CHENNAI-104	13.17257	80.27221	RTT
13	50167	677	0677_ENR_Ullaganatha puram_IUBIP_C	PLOT NO: 70, ULAGANATHAPURAM 4TH STREET, THALANKUPPAM, ENNORE	13.22618	80.32568	GBT
14	45133	681	0681_MNL_MPL PLANT2_C	MPL_MANALI_PLANT2,MANALI	13.15376	80.27316	RTP
15	51473	684	0684_Chinamathur_IUB IP_C	3/54,Dr.MGR salai,chinnamathur,Manali,Chennai	13.17811	80.25224	RTT
16	45105	685	0685_MNL_MFL_C	MFL,MANALI-MINJUR ROAD,MANALI	13.17528	80.26991	RTP
17	50048	687	0687_MNL_Elandanur_I UBIP_C	PLOT NO 19/1, RAJIV GANDHI NAGAR FIRST CROSS STREET, MANALI NEW TOWN POST, CHENNAI-103	13.19553	80.26903	GBT
18	50045	689	0689_ENR_ThermalPwr Station_IUBIP_B	ENNORE THERMAL POWER STATION, KATHIVAKKAM, CHENNAI - 57	13.20437	80.31425	GBT
19	45035	695	0695 TVYR_TIRUMALAI _Avenue_C	32,TIRUMALAI AVENUE,SOUTH MADA STREET,TIRUVOTRIYUR	13.15711	80.30009	RTP
20	30595	696	0696_MNL_NEWTOWN	BSNL VACANT SITE,MANALI NEW TOWN,CHENNAI.	13.20871	80.27571	GBT
21	45165	706	0706_MNL_CPCL_ADM N_C_IUBIP_C	CPCL,MANALI	13.16228	80.27278	WM
22	50460	707	0707_TPET_WimcoNgr_ IUBIP_C	NEW NO: 29 / OLD NO: 60, SENI AMMAN KOIL STREET, TONDIARPET, CHENNAI - 81	13.17981	80.30921	GBT
23	50050	711	0711_MNL_Sadayankup pam_C	308, SADAYANKUPPAM, BURMA NAGAR, CHENNAI 103	13.18261	80.28545	GBT
24	50895	713	0713_MNL_Santhangad u_C	BSNL VACANT LAND, SATHANGADU, MANALI. CHENNAI	13.17004	80.28911	GBT
25	50049	814	0814_MNL_Vichur_C	3/26 PILLAYAR KOIL STREET, VICHUR, VIA MANALI NEW TOWN, CHENNAI 103	13.21854	80.24759	GBT

CLUSTER ID: SDERKN1

Annexure R1

	DGM AR	EA : DGM	NWO-I	Division : DE_ RKN	Sub division	n: SDERKN1	
SI No	Uniqu e id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUD E DD.DDDD	Towe r type
1	35026	3102	3102_PERUNGUDI_II_A	KARTHIK ENTERPRISES 73 Sathiyamurthy Road,LAKSHMAN NAGAR KANDAN CHAVADI CH-96	12.96711	80.24916	RTT
2	40288	3104	3104_PERUNGUDI_BADRI _NIWAS_A	OLD NO 3/214 ,NEW NO 19/10 RAMAPPA NAGAR Main Road,Perungudi, CHENNAI - 96	12.96267	80.24148	GBT
3	40261	3106	3106_KOTTIVAKKAM_A	1/18EAST COAST ROAD KOTTIVAKKAM CHENNAI-41	12.97094 1	80.258444	RTT
4	40262	3107	3107_PALAVAKKAM_A	No.4/1 ECR Main Road,(BHARATHIYAR STREET),PALAVAKKAM,CHENNAI-41	12.96078	80.25623	RTT
5	45119	3128	3128_KOTTIVAKAM_WAT ERPALACE_C	NO.11,SECOND MAIN ROAD,KANNAPPA NGR,KOTTIVAKKAM,CH-39	12.97531	80.25628	RTP
6	50016	3129	3129_Kottivakkam_new_ C	3/358A, KUPPAM MAIN ROAD,Lakshmanaperumal Avenue, KOTTIVAKKAM CHENNAI-41	12.96894	80.26173	RTT
7	50046	3130	3130_Kandanchavadi 3_IN_C	134/135 MGR Road, Sundaramurthy Centre, Govindasamy Nagar, INDIAN OVERSEAS BANK, PERUNGUDI CHENNAI- 96	12.96901	80.24569	RTT
8	50068	3131	3131_Palavakkam North_B	NO:1/127, 21ST STREET, VENKATESWARA NAGAR,KOTTIVAKKAM CHENNAI - 41	12.96688	80.25814	GBT
9	50082	3133	3133_Ambetkar_Nagar _B	NO:65 NETHAJI Nagar Main Road, PERUNGUDI CHENNAI - 96	12.96675	80.23329	GBT
10	50548	3140	3140_Perungudi_New_V 1_C	NO: 27 OOMATHURAI STREET, PERUNGUDI CHENNAI - 96	12.95911	80.23894	RTT
11	50213	3148	3148_Burma Colony Perungudi_C	PLOT NO.52 IST MAIN ROAD THIRUMALAI NAGAR Annex,opp (KVB)PERUNGUDI CHENNAI 96	12.95937	80.24401	GBT
12	35051	3602	3602_LE_MERIDIEN_A	3/2, KAMBAR STREET, ALANDUR, CHENNAI - 16	13.00621	80.20397	RTP
13	40174	3609	3609_RL_GUINDY_MADU VANKARAI_A	34,METTU PALAYAM NEW ST, MADUVANKARAI, GUINDY, CH-32	12.99972 1	80.208247	RTT
14	45021	3620	3620_RL_IG_NORTHMOU NTH2MINI_A	IG NORTH OFFICE,ASARGANA,ST.THOMAS MOUNT,CHENNAI-600016	12.99976 7	80.200044	RTP
15	50071	3635	3635_Maduvankarai_Gui ndy_C	43,SINDHU APTS, NETHAJI RD, GANESH NGR, ADAMBAKKAM,CHENNAI-600088	12.99658	80.21019	RTT
16	50246	3639	3639_RL_MKN Road new v1_B	225,226, M.K.N ROAD, ALANDUR, CHENNAI - 16	12.99921	80.20244	RTT
17	50408	3641	3641_RL_AlandurMKNRd ext_v.1_A	NEW NO:347, OLD NO:269, MKN ROAD, ALANDHUR, CHENNAI - 16	12.99766 2	80.20106	RTP
18	50804	3652	3652_Adambakam_velac hery_B	PLOT NO.15, DOOR NO.2, OFFICERS COLONY, 5TH STREET, ADAMBAKKAM, CHENNAI-600 088	12.99427	80.20635	RTT

CLUSTER ID: SDERKN2

Annexure R2

	DGM AR	EA : DGI	M NWO-I	Division : DE_ RKN	Sub division	: SDERKN2	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	25214	3201	3201_MEDAVAKKAM_EXCH _A	VACANT LAND VENKATESAN STREET MEDAVAKKAM CHENNAI	12.91498	80.19263	GBT
2	40291	3202	3202_PALLIKARANAI_MGR _NAGAR_B	NO 1 NEHRU STREETMGR NAGAR PALLIKARANAI CHENNAI	12.92533	80.19704	GBT
3	40290	3204	3204_JERUSALEM_ENGG_C OLLEGE_A	JERUSALEM COLLEGE OF ENGINEERING NARAYANAPURAM VELACHERRY-TAMBARAM MAIN ROAD CHENNAI -100	12.94521	80.20736	RTP
4	45099	3205	3205_NIOT_C	NIOT ,MA PO SI NAGAR, NARAYANAPURAM, PALLIKARANAI, TAMBARAM-VELACHERY MAIN RD, MADRAS, TAMIL NADU 600100	12.946645	80.211013	RTP
5	25620	3211	3211_NBSNL_ADAMBAKKA M_A	POST OFFICE NILAMANGAI NAGAR WELFARE ASSOCIATION THIRUVALLUVAR ST, ADAMBAKKAM CHENNAI-88	12.98125	80.20155	GBT
6	40250	3213	3213_KOVILAMBAKAM_IN DRAPURI_A	PLOT NO 69 5TH ROAD VIDUDALAI NAGAR S.KOLATHUR KOVILAMBAKKAM CHENNAI - 117.	12.946466	80.197038	GBT
7	50464	3233	3233_IIT Colony_V_C	209 VELACHERRY -TAMBARAM MAIN ROAD, NARAYANAPURAM, PALLIKARANAI CHENNAI - 100	12.93988	80.20538	RTT
8	51011	3242	3242_Adambakkam_Balaji NGR_V_C	NO.51 BALAJI NAGAR MAIN ROAD ADAMBAKKAM CHENNAI-88	12.97896	80.20408	RTT
9	51086	3249	3249_Jalladianpet_C	NO.4/43 PALLAVAN NAGAR MAIN ROAD JALLADEMPET CHENNAI - 100.	12.911989	80.197292	RTT
10	50463	3250	3250_Madipakkam TBM Hi_Rd_C	9/10 VELACHERY-TAMBARAM MAIN ROAD BALAJI NAGAR PALLIKARANAI CEHNNAI - 100	12.95482	80.21214	RTT
11	40583	3304	3304_KANATHUR_MAAYAJ AAL_A	786, ECR ROAD, KANATHUR, KOVALAM POST, KANCHEEPURAM DIST.	12.849354	80.241141	GBT
12	40584	3305	3305_SEMMANCHERY_A	P.NO 1, KALAIGNER KARUNANIDHI SALAI, SEMMANCHERY, CHENNAI 119	12.869638	80.22749	GBT
13	40187	3306	3306_KOVALAM_C	9/9, MARIMMAN TEMPLE STREET, KUNNAKADU VILLAGE, KOVALAM-603112	12.79536	80.24454	GBT
14	40292	3309	3309_SHOLINGANALLUR_ WIPRO_A	N-468,WIPRO MAIN ROAD,OLD MAHABALIPURAM ROAD, SHOLINGANALLUR,CH-119	12.907647	80.226651	GBT
15	25641	3311	3311_NBSNL_INJAMBAKKA M_A	NURSERY (MOHAN), OPP TO ANNE FARM HOUSE, ECR, INJAMBAKKAM, CHENNAI	12.90423	80.247771	GBT
16	25350	3312	3312_NBSNL_SHOLINGANA LLUR_A	S N. SUNDARAMURTHY,#212, OLD MAHABALLIPURAM RD, CHEMMANJERI,CHENNAI- 119	12.880637	80.22712	GBT
17	25658	3315	3315_NBSNL_ECR_C	55,G. GOVINDA, NIMMELIKUPPAM, PERUR POST, EAST COAST RD.	12.718247	80.230006	GBT
18	40236	3322	3322_INJAMBAKKAM_VGP _A	NO 2/101, VOC EXTENSION ROAD, ENJAMBAKKAM, CHENNAI - 600115	12.920577	80.253134	GBT
19	40286	3323	3323_VETTUVANKENI_C	170/2, ALM SCHOOL,EAST COAST ROAD,INJUMBAKKAM, VITTUVENKANI,CH-41	12.93176	80.25081	GBT
20	40287	3326	3326_NEELANKARAI_RAJA_ NAGAR_A	NO. 106, 1ST MAIN ROAD, WORKERS ESTATE, NEELANKARAR, CHENNAI -41	12.941395	80.253368	RTT
21	45110	3327	3327_THORAIPAKKAM_TCS _C	NO.1/152,POST OFFICE ST.,THORAIPAKKAM,CHENNAI-97	12.949489	80.240055	RTP

22	40285	3329	3329_SEEVARAM_PERUNG UDI_A	NO 45 & 46 SARAVANA NAGAR, SEEVARAM 1ST STREET, PERUNGUDI, CHENNAI - 96.	12.954263	80.236797	RTT
23	50015	3334	3334_Sai Nagar Perungudi_C	DOOR NO:1, SRI SAI NAGAR, MCN NAGAR EXTENSION, PERUNGUDI, CHENNAI - 96	12.948818	80.237599	RTT
24	50081	3335	3335_Akkarai RSU_A	NO:15, RAJEEV GANDHI NAGAR, KUDUMIYAANDI THOPE, ECR, CHENNAI - 119.	12.891145	80.245463	GBT
25	50094	3336	3336_Navalur_new_C	NO:122/2, DOOR NO: 1/203, OMR ROAD, SEMMENCHERY VILLAGE, CHENNAI - 603119	12.853891	80.225832	GBT
26	50157	3339	3339_Sittalapakkam_A	1/162, OTTIAMBAKKAM MAIN ROAD, SITHALAPAKKAM, CHENNAI - 73.	12.88951	80.18472	RTT
27	50337	3341	3341_PallikarnaiValalPariST _C	PLOT NO:2, STREET NO:14, PAARIVALLAL THERU, PALLIKARANI, CHENNAI - 100.	12.925225	80.210569	GBT
28	50418	3344	3344_Pallikarani_Dhanam Ngr_B	PLOT NO: 17, 18, DHANAM NAGAR 2ND CROSS STREET, PALLIKARANAI, CHENNAI -100.	12.93146	80.212876	GBT
29	50471	3347	3347_Kovelam New V_C	S.NO: 77/44, PLOT NO: 45, SEMMENJERI VILLAGE.KOVALAM	12.77881	80.24884	GBT
30	50782	3350	3350_Pattipulam_C	PATTA NO: 156/7, HOUSE NO:4/38,BOZANA KOVIL ST, ELANTHOPU, PATTIPALAM, MAHABALIPURAM VIA , KANCHIPURAM, CHENNAI-603104	12.66327	80.20798	GBT
31	51118	3356	3356_Vadanenmeli_C	S. NO: 393/8, PLOT NO: 58, PADAVATTAMMAN KOIL STREET, VADANENMELI VILLAGE (OPPOSITE TO CROCODILE PARK), PERUR POST	12.74369	80.23765	GBT
32	50251	3357	3357_Pallavan Qrts_C	PLOT NO. 161,163 RAJU NAGAR IST MAIN ROAD THORAIPAKKAM CHENNAI 97	12.934951	80.234438	GBT
33	51103	3359	3359_Krishnan Karanai_C	S. NO: 282, KRISHNAN KARANAI VILLAGE, PATTIPULAM POST, EAST WEST ROAD, KANCHIPURAM DIST. CHENGALPATTU TK.	12.69504	80.2188	GBT
34	50470	3360	3360_Kovalam_V_C	S. NO: 81/2, PLOT NO: 1/238, MUTTUKADU, EAST COAST ROAD, KOVELAM, CHENNAI.	12.82026	80.23962	GBT
35	50095	3362	3362_Neelangarai_C	NO:4/671, PILLAYAR KOIL ST,BHARATHIYAR NAGAR, NEELANKARAI, CHENNAI - 41	12.946827	80.249437	RTP
36	45033	3828	3828_RL_WEST_TBM_SHA NMUGARD_C	WEST_TAMBARAM_SHANMUGAM ROAD,WEST_TAMBARAM.	12.926799	80.114303	RTP
37	45101	3829	3829_KADAPPERI_C	14,MUTHUMARIAMMAN KOIL ST.,TVK NAGAR,KADAPPERI,CHENNAI-45.	12.93601	80.12283	RTP
38	50007	3832	3832_Vengaivasal_II_B	OLD.NO.1/304,NEW NO.1/375, BHARATHI NAGAR IST MAIN ROAD, VENGAIVASAL, CHENNAI-73.	12.897791	80.177815	GBT
39	50161	3839	3839_BW 623and624 KalyanNgr_A	NO:1, KALYAN NAGAR 4TH CROSS STREET, WEST TAMBARAM, CHENNAI - 45	12.92496	80.10809	RTT
40	50679	3867	3867_Airforce STN Tambaram_A	AIRFORCE STATION, TAMBARAM, CHENNAI-46	12.912364	80.124121	GBT
41	40260	3911	3911_TAMBARAM_MUDIC HUR_ROAD_A	NO.62, MUDICHAR ROAD, WEST TAMBRAM, CHENNAI -45	12.926024	80.102404	RTT
42	50375	3959	3959_Sairam Engg College_C	DOOR NO: 39, PILLAYAR KOIL STREET, POONDHANDALAM, SOMANGALAM, CHENNAI- 602109	12.963433	80.052191	GBT
43	50038	3971	3971_HighwayBTS_Kanada palay_A	S.NO: 9/12,PLOT NO: 31, DHARGA ROAD, KANNADAPALAYAM, WEST TAMBARAM, CHENNAI - 45	12.93706	80.09834	GBT

CLUSTER ID : SDERKN3

Annexure R3

	DGM AF	REA : DGM	I NWO-I	Division : DE_ RKN	Sub division: SDI	ERKN3	
SI	Uniqu	Site id	Site name	Address	LATITUDE	LONGITUDE	Tower
No	e id				DD.DDDD	DD.DDDD	type
1	30561	3601	3601_BUTT_ROAD_ A	VACANT LAND, #7/27A, OPP. TO VASANTHAM BUILDING, EAST CHETTY ST., CHENNAI-16	13.00997	80.19831	GBT
2	40267	3608	3608_NANDAMBAK KAM_A	48, MOUNT POONAMALLEE ROAD, NANDAMBAKKAM, CHENNAI - 89	13.01506	80.19282	RTT
3	40124	3612	3612_ADAMBAKKA M_SHANTHI_NGR_B	NO.14, 10TH STREET, SHANTHI NAGAR, ADAMBAKKAM, CHN-88	12.986375	80.20109	RTT
4	40717	3615	3615_GUINDY_HTL_ H2MINI_C	HTL GST ROAD GUINDY CH-32	13.00918	80.20511	RTP
5	45121	3621	3621_MAGAZINE_R OAD_STM_C	3/94 - 72A, MANGALIAMMAN KOIL ST, NEW STAR HAIR STYLE,ST. THOMAS MOUNT, CHENNAI - 16.	13.00546	80.19015	RTP
6	45125	3622	3622_GANAPATHYP URAM_H2_MINI_C	#101, GANAPATHIPURAM, 1ST STREET,IDPL BACK SIDE,ST.THOMAS MOUNT,CHENNAI-16.	13.01178	80.18648	RTP
7	50074	3636	3636_SundarNGRDe fenceClny_B	NO:40, DHANAKOTTI RAJA ST, EKKATUTHANGAL, CHENNAI - 32	13.017084	80.199908	RTT
8	51564	3675	3675_STMOUNT_PO LICE_QUARTERS_C	PC QUARTERS, JOINT COMMISSIONAR OF POLICE, ST.THOMAS MOUNT, CHENNAI	13.01036	80.20235	RTP
9	51724	3677	3677_ST. Thomas Mount_B	Pushparani S K, No.5/10-30, Seven Wells Street, St. Thomas Mount, Chennai, S.No.68/1B, Nandambakkam Village, Tambaram Taluk	13.011111	80.193056	RTP
10	45301	3701	3701_PAMMAL_SIG NAL_ROAD_C	27,SIGNAL OFFICE ROAD,PAMMAL ,CH-75	12.98051	80.14707	GBT
11	40279	3704	3704_PAMMAL_AN NA_NAGAR_B	SHANMUGA SUPER MARKET, PLOT NO-18, NALLA THAMBI ROAD, ANNA NAGAR, PAMMAL CHENNAI-75	12.977268	80.141175	RTT
12	51401	3705	3705_CHROMPET_G ANAPATHYPURA_B	15, MANI NAYAKAN IST CROSS STREET, GANAPATHIPURAM, CHROMPET, CHN-44	12.95235	80.15345	GBT
13	40252	3706	3706_ZAMIN_PALLA VARAM_B	SRIRAM ILLAM, NO.131 A, DARGA ROAD, ZAMIN, PALLAVARAM, CHN-43	12.96346	80.16281	RTT
14	40215	3708	3708_CHROMPET_P ERIYAR_NAGAR_C	RAHMAN LEATHER LINES, NO 33/7, SONGUVEL STREET, PERIYAR NAGAR, NAGALKENI, CHROMPET, CHENNAI - 44	12.965056	80.141757	RTT
15	25622	3709	3709_RL_THIRUSUL AM_A	POLICE MICROWAVE STATION, TIRUSULAM HILL, CHENNAI-43	12.970982	80.161282	GBT
16	40277	3710	3710_RL_CHR_THIR UNERMALAIRD_A	NO 4, PP AMMAN KOIL STREET, ESA PALLAVARAM, CHENNAI- 44	12.961772	80.144221	RTT
17	45093	3716	3716_PALLAVARAM _BZR_RD_MINI_C	108,PALLAVARAM BAZAAR,PALLVARAM,CH-43	12.968213	80.145899	WM
18	40212	3717	3717_RL_RADHANG R_CANARABANK_A	39,RADHA NAGAR MAIN ROAD, CANARA BANK BUILDING CHENNAI-44	12.95251	80.14381	RTT
19	51437	3719	3719_RL_NBSNL_ME ENAMBAKKAM_A	#7,DR.AMBEDKAR SALAI,MEENAMBAKKAM,CHENNAI-27	12.98648	80.174321	RTP
20	35041	3722	3722_RL_GRT_RADI SSON_MINI_A	RADDISON HOTEL,43A GST ROAD,CHENNAI-16	12.993458	80.186779	RTP
21	25673	3723	3723_RL_PALAVANT HANGAL_A	EDWIN SOLAMAN #17, KRISHNASWAMY NAIDU STREET, PALAVANTHAGAL, CHENNAI-114	12.98701	80.18548	RTT
22	30568	3724	3724_NBSNL_ADAM BAKKAM_II_A	#1,BSNL EXTERNAL OFFICE, LAKE VIEW RD, ADAMBAKKAM, CHENNAI-88	12.99144	80.19894	RTT
23	40123	3726	3726_NANGANALLU R_NEHRUCOLNY_A	NO.3, 7TH STREET, NEHRU COLONY, PAZHAVANTHANGAL, NANAGANALLUR, CHN-114	12.98269	80.18372	RTT

24	50033	3729	3729_Secretariat cly	SUDHA TIMBER ANNEXE BUILDING, 42, GST ROAD,	12.96554	80.14869	RTT
25	50072	3730	Palvrm_C 3730_Mathas ngr St	PALLAVARAM, CHENNAI - 43 NO:85, RUDHRA ROAD, ST.THOMAS MOUNT, CHENNAI - 16	13.00111	80.19061	RTT
26	50526	3733	mount_B 3733_Srinivasapura mRadhangr C	DOOR NO:17, DASAN STREET, RADHA NAGAR, CHROMPET, CHENNAI - 44	12.95414	80.14828	RTT
27	50698	3737	3737_Thillaiganga Nagar_V_B	SPENCER SUPERMARKET, NO:4,old No-11 3RD MAIN ROAD, THILLAI GANGA NAGAR, NANGAALLUR, CHENNAI - 61	12.98995	80.19348	RTT
28	50805	3740	3740_Adambakam_ Shanthingr_V_C	New No-75,Old No-142, MEDAVAKKAM MAIN ROAD, ADAMBAKKAM, CHENNAI-88	12.98461	80.19747	RTT
29	50989	3741	3741_Bharathipura m_v.1_C	PLOT NO:13, SARATHI STREET, MANICKAM NAGAR, NEAR IRT POLYTECHNIC, BHARATHIUPURAM, CHROMPET, CH-44	12.94576	80.15111	RTT
30	50326	3746	3746_Nanganallur_ New_V.1_C	Plot 28, NO: 32, RAM NAGAR 2ND MAIN ROAD, NANGANALLUR, CHENNAI - 600 061.	12.98651	80.19421	RTT
31	50329	3748	3748_Nanganallur BV Nagar_B	NO:51/9, I ST CROSS STREET, B.V. NAGAR, NANGANALLUR, CHENNAI - 600 61	12.97911	80.18012	RTT
32	45084	3750	3750_PAMMAL SHANKARA HSPTL_C	SANKARA HOSPITAL, 3RD CROSS ST, SRISANKARA NGR, PAMMAL, CHENNAI-75	12.965095	80.128324	RTP
33	51408	3751	3751_PAMMAL_SAN KARA_SCHOOL_B	D.NO.1,JAYATHEERTHANA RAO STREET,LIC COLONY EXTENSION,PAMMAL,CHENNAI-75	12.97181	80.12701	RTT
34	35022	3752	3752_THIRUNEERM ALAI_C	P.NO. 3,THIRUNEERMALAI HIGH ROAD, PAMMAL CH-75	12.96743	80.11846	GBT
35	45029	3754	3754_POZHICHALLU R ST BTS_C	33,POZHICHALUR MAIN ROAD, POZHICHALUR,CHENNAI-74	12.97841	80.13593	RTP
36	45107	3756	3756_CMT NAGAPPA NGR CLC RD C	CHROMPET_CLC_ROAD ,OPP TO RELIANCE FRESH,CHROMPET, CHENNAI-44	12.954646	80.135054	RTP
37	40239	3757	3757_PAMMAL PASUMPON NGR_C	NO 4, DEIVANAYAGAM STREET, PASUMPON NAGAR, CHENNAI - 75	12.98085	80.13549	RTT
38	40272	3758	3758_CHROMPET NAGALKENI_A	NO 15, 3RD STREET, ARKESWARAR COLONY, NAGALKENI, CHENNAI - 44	12.95887	80.13366	RTT
39	40703	3759	3759_CHROMPET SSM SCHL MINI_C	SSM SCHOOL, NAGAPPAN NAGAR, 2ND STREET, CHROMPET, CHENNAI-44	12.956852	80.133676	RTP
40	44740	3760	3760_PAMMAL_LC_ MAHAL_A	LC MAHAL KALYAN MANDAPAM,DOOR NO:100,TIRUNEERMALAI ROAD, OLD NO:129- PAMMAL, CHENNAI 75	12.974393	80.131874	RTT
41	50043	3761	3761_SUBBARAYA NAGAR_CHR_B	S. NO: 303A, D NO: 3, THIRUNEERMALAI MAIN ROAD, PARVATHIPURAM, CHROMEPET - 44	12.95812	80.128584	RTT
42	51363	3763	3763_Anakaputhur_ V.1_B	NO;94,J N ROAD,ANNAKAPUTHUR,CHENNAI-600070.	12.98339	80.12812	RTT
43	50741	3764	3764_Nagalkeni_B	31, THIRUNEERMALAI MAIN ROAD, CHROMEPET, CH - 44	12.961023	80.138297	RTT
44	51026	3766	3766_Pozhichalur_J eevan NGR_C	PLOT NO:61, NEW SURVEY NO: 231/F, VILLAGE 2, COMMISSIONER CLY,RAJIV GANDHI NAGAR, POZHICHALUR, CHENNAI-74	12.99401	80.13866	GBT
45	40241	3770	3770_CHROMPET_N EW_COLONY_A	NO.18, 6TH MAIN ROAD EXTN, JAGATH AVENUE, , NEW COLONY, CHROMPET, CHENNAI -44	12.95096	80.13486	RTP
46	51657	3776	3776_AIRPORT_AUT H_IND_A	HEAD ROOM OF UTILITY BUILDING II, AIRPORT AUTHORITY OF INDIA, MEENAMBAKKAM,CHENNAI	12.98387	80.16966	RTT
47	51695	3778	3778_RL_CMT_CLC_ QTRS_NEW_B	BSNL CLC Road Qtr Exch ,CLC Works Rd, Pallavapuram, New Colony, Chromepet, Chennai, Tamil Nadu 600044	12.95289	80.14121	GBT
48	51088	3969	3969_THIRUMUDIV AKKAM_C	BSNL, THIRUMUDIVAKKAM, SIPCOT INDUSTRIAL ESTATE, CHENNAI.	12.97404	80.09129	GBT

CLUSTER ID: SDERKN7

Annexure R7

	DGM ARE	A : DGM N	WO-I	Division : DE_ RKN	Sub division:	: SDERKN7	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	30581	3210	3210_KOVILAMBAKKAM_ A	PLOT# 39 M.A. VAITHIYALINGAM NAGAR, LOGANATHAN first STREET ,Kovilambakkam, CH-117.	12.93752	80.18164	GBT
2	40251	3214	3214_PUZHUTHIVAKKAM _B	PLOT NO 5161, DOOR NO 2, 9TH STREET, RAMNAGAR NORTH EXTN., MADIPAKKAM, CHENNAI - 91	12.97057	80.21029	GBT
3	40117	3215	3215_MADIPAKKAM_GAN ESH_NGR_A	41/10 MEDAVAKKAM MAIN ROAD GANESH NAGAR MADIPAKKAM CHENNAI-91	12.96228	80.18761	RTT
4	40118	3216	3216_MADIPAKKAM_PERI YAR_NGR_A	NO 17/5,Dr AMBEDKAR STREET PERIYAR NAGAR EXTN MADIPAKKAM CHENNAI - 91	12.95841	80.19915	RTT
5	40119	3217	3217_MADIPAKAM_SADA SIVAMNGR_A	154,SADASHIVAM Ngr,Sathasivam Ngr (N) MADIPAKKAM CHENNAI-91	12.96563	80.20643	RTT
6	40121	3218	3218_ULLAGARAM_EXCEL _MAHAL_B	NO 68 MEDAVAKKAM HIGH ROAD EXCEL MAHAL ULLAGARAM CHENNAI - 91	12.97439	80.19227	RTT
7	50141	3225	3225_Keelkattalai_New_V _C	26 AMBAL NAGAR MAIN ROAD KEELKATTALAI CHENNAI - 117	12.95153	80.18386	GBT
8	50245	3228	3228_Ram ngr South Velchry_C	PLOT NO: 806/808 3RD MAIN ROAD RAM NAGAR SOUTH MADIPAKKAM CHENNAI - 91	12.96339	80.21293	RTT
9	50248	3229	3229_Vanuvampet_Churc h_B	112 VS LAKSHMI THIRUMANA MANDAPAM VEMBULI AMMAN ST ULLAGARAM CHENNAI - 91	12.980217	80.195206	RTT
10	50328	3230	3230_Nehru Nagar New 5 1_C	A - 24 ,New No A5,1st st,100 FT ROAD HINDU COLONY NANGANALLUR CH - 61	12.97961	80.18454	RTT
11	50331	3231	3231_Nanganallur_V_A	NO: 33 NEW NO:7 RAJAJI STREET JAIN COLLEGE COLONY NANGANALLUR CHENNAI - 61.	12.97014	80.18509	GBT
12	50462	3232	3232_Balaji_Nagar_C	PLOT NO: 58 25TH STREET BALAJI NAGAR EXTENSION - 2 CHENNAI - 91	12.974364	80.206282	RTT
13	50687	3237	3237_Madipakkam_Anna Nagar_C	PLOT NO:1A VISHAL NAGAR EXTN MADIPAKKAM CHENNAI - 91	12.95502	80.19303	RTT
14	50140	3246	3246_KeelkatalaiThiruvin Ngr_C	NO: 4004/1 THIRUVIN NAGAR 200 FEET ROAD ECHANKADU KOVILAMBAKKAM CHENNAI - 117	12.94944	80.18615	RTT
15	50153	3251	3251_Nanmangalam Road_C	MR Nagar,CHROMPET ROAD,NANMAGALAM,NEAR NANMAGALAM,CHENNAI-117	12.93856	80.17221	GBT
16	51028	3255	3255_Madipakkam_SW_B	1/700A 2ND CROSS STREET KARTHIKEYAPURAM	12.96225	80.19371	RTT
17	40213	3801	3801_CHROMPET_AGS_C OLONY_B	KAMALA VILLA, NO.18, KRISHNA STREET, A.K.NAGAR, AGS COLONY, NEAR NEMILICHERI ROAD, CHROMPETTAI, CHENNAI - 44	12.94385	80.15686	RTT

18	30601	3807	3807_EAST_TAMBARAM_ A	VACANT LAND, # 23, MANGAYARKARASI STREET,EAST TAMBARAM ,CHENNAI-59	12.92661	80.13276	GBT
19	35029	3810	3810_GOWRIVAKKAM_PI ONERHOME_A	PIONEER HOMES, # 77, VELACHERI MAIN RD, GAWARIVAKKAM, CHENNAI-601302	12.92106	80.16589	RTP
20	50987	3811	3811_RL_Tambaram sanatorium_A	NO: 864, GST ROAD, PRIYA HOSPITAL, TAMBARAM SANITORIYUM, CHENNAI	12.937909	80.129308	RTT
21	40249	3813	3813_CHITLAPAKKAM_AS HOKANST_A	PLOT NO 8, N.NO 3, ASOKAN STREET,CHITLAPAKKAM, CHENNAI - 64	12.93284	80.14092	RTT
22	40293	3814	3814_EAST_TAMBAR_PO NDYBZR_A	NO 142, VELACHERY ROAD, EAST TAMBARAM, CHENNAI - 59	12.923219	80.126044	RTP
23	40294	3815	3815_SUNDARAM_COLO NY_A	PLOT NO 115, DOOR NO 43, KULASEKARAN STREET, SUNDARAM COLONY, EAST TAMBARAM, CHENNAI 59	12.93117	80.13247	GBT
24	40295	3816	3816_KAMARAJAPURAM_ B	SARASWATHY ILLAM, NO. 3, ANNA STREET, KAMARAJAPURAM, EAST TAMBRAM, CHENNAI -73	12.92368	80.15381	GBT
25	40278	3817	3817_CHITLAPAKKAM_AN NA_ST_A	42/67,ANNA STREET,CHITLAPAKKAM CHENNAI :64	12.93731	80.14255	GBT
26	40313	3819	3819_MADAMBAKAM_PA RVATHYNGR_A	69B, PARVATHY NAGAR, MADAMBAKKAM ,CH-73	12.90621	80.15333	GBT
27	40242	3820	3820_MEPZ_GODOWN_C	BSNL MICRO WAVE TOWER, MEPZ GODOWN, SANITORIUM, CHROMPET,CHENNAI-47	12.94103	80.12483	GBT
28	50013	3833	3833_BhuvaneshwariNgrS elayu_C	NO.59, 7TH STREET, BHUVANESHWARI NAGAR, SELAIYUR, CHENNAI-73	12.90436	80.14895	RTT
29	50240	3840	3840_Selaiyur_Ayyanpan_ Ngr_C	PLOT NO.16B, 6TH CROSS STREET, AYYAPPA NAGAR, RJAKILPAKKAM, SEMBAKKAM, CHENNAI-73	12.92819	80.15429	RTT
30	50385	3844	3844_CMT_Purushotham an ngr_C	FLAT NO:92, DOOR:11/6, PURUSHOTHAM NAGAR, 5TH STREET, CHENNAI-44	12.94448	80.14661	RTT
31	50764	3846	3846_Selaiyur_B	NO:151/2C, CAMP ROAD, SELAIYUR, CHENNAI - 73	12.92066	80.14433	RTT
32	50986	3847	3847_RL_Nehru Nagar _V_A	NO:273/274, G.S.T. ROAD, CHROMEPET, CHENNAI - 44	12.94755	80.13684	RTT
33	50562	3851	3851_Gowrivakkam East_V_B	NO. 63, BAJANAI KOIL STREET, SEMBAKKAM, KANCHIPURAM, CHENNAI - 73.	12.92284	80.16039	RTT
34	50037	3852	3852_Hasthinapuram_IOB _B	NO:10, RAJENDRA PRASAD ROAD, NEHRU NAGAR, HASTHINAPURAM, CHROMEPET, CHENNAI - 44	12.94257	80.14131	RTT
35	50757	3866	3866_Tambaram East V.1_C	OLD NO. 39A, NEW NO. 28, GANDHI PARK OPP, AGASTHIYAR ST, EAST TAMBARAM, CHENNAI- 59	12.92763	80.12723	GBT

CLUSTER ID: SDETVR1

Annexure T1

	DGM AR	EA : DGI	M NWA-CM	Division : DE_ TVR	Sub division	: SDETVR1	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	51090	864	0864_RDH_VANICHATR AM_C	SURVEY NO:499/28,H.NO:226,KANNIKAPURAM, ALAMATHI POST, VIA REDHILLS, CHENNAI-600052.	13.214653	80.096086	GBT
2	40850	4202	4202_POONDI_TVLR_C	TIRUVALLUR-UTIKOTTAI MN.ROAD, POONDI	13.20332	79.890722	GBT
3	30815	4203	4203_PATTARAIPERUM BUDU_TVLR_C	NEAR BUSSTAND,TVR-TTN NH205,PATTARAIPERUMBUDUR	13.15221	79.82674	GBT
4	51742	4231	4231_AmbedkarLawColl ege_C	PATTRAIPERUMPUDUR GOVT.AMBEDKAR LAW COLLGE	13.158669	79.797429	GBT
5	45477	4234	4234_MEYYUR_USO_TV LR_C	MEYYUR,VILLAGE,THIRUVALLUR ODDAPPAI, TAMIL NADU 602023, INDIA ?	13.24099	79.9415	GBT
6	50260	4242	4242_Sembedu_TVLR_C	S.C. DEVARAJAN, S.NO.237/8, CHINNA VEETHI,SEMBEDU VILLAGE, TVLR TK., TVLR DIST.	13.23764	79.99445	GBT
7	50271	4243	4243_Odukkadu_TVLR_ C	S.NO.296/8,ODIKKADU VILLAGE.	13.182991	79.937181	GBT
8	50279	4244	4244_Rasapalayam_TRN _C	S.NO.548/8, RAJULU STREET, RASAPALAYAM VILLAGE, THIRUTHANI TALUK.	13.171536	79.759532	GBT
9	50298	4245	4245_Manavur_TRN_C	S.NO.5/1,PLOT NO.409,SANKARACHARYA NAGAR,MANAVUR VILLAGE,TIRUTTANI TALUK,TIRUVALLUR DIST.	13.102844	79.803935	GBT
10	50316	4246	4246_Karikalavakkam_T VLR_C	S.NO.12/A22, OLD NO.1/174, NEW NO.1-248, THIRUVALLUR REDHILLS ROAD, KARIKALAVAKKAM VILLAGE, TVR TK.	13.21225	79.98331	GBT
11	50360	4251	4251_Karani_TVLR_C	S.NO. 97/37, D.NO.282,KARANAI VILLAGE, KODUVALLI PST, THIRUVALLUR TALUK.	13.207679	80.063807	GBT
12	50363	4252	4252_Kilambakkam_TVL R_C	S.NO: 175/9, KILAMBAKKAM VILLAGE & POST, TIRUVALLUR TK, TIRUVALLUR DIST	13.15179	79.97078	GBT
13	50429	4257	4257_Melakondaiyur_T VLR_C	S. NO: 189/19, MELAKONDAIYUR VILLAGE, SIVANVOYAL POST, THIRUVALLUR TALUK, THIRUVALLUR DIST	13.181186	80.011318	GBT
14	50479	4258	4258_Thamaraipakkam_ TVLR_C	NO:33, TAMIL COLONY, AMMANAPAKKAM, THIRIVALLUR - 601103	13.21783	80.030243	GBT
15	51066	4262	4262_Siruvanur_TVLR_C	ARUMUGAM.M, S/O MAHALINGA MUDALIAR, S.NO 248/3B, DHANALAKSHMI RICE MILL COMPUUND, PILLAYAR KOIL STREET, KOSAVAN PALAYAM VILLAGE, THIRUPACHUR POST	13.144403	79.873354	GBT
16	51067	4263	4263_Mappedu_TVLR_C	S.NO. 506/B1, SHOP NO.3, ST JOSEPH SCHOOL TOWN, MAPPEDU VILLAGE, TVR TK.,	13.02618	79.85301	GBT
17	51068	4264	4264_Ikkadu_TVLR_C	S.NO.1065/3, D.NO.1/74 REDHILLS ROAD, EKKADU, TVR TK	13.15947	79.919972	GBT
18	51065	4265	4265_Ramanjeri_TRN_C	C. MANI, S/O CHINNAKANNAYA NAIDU,S.NO.167/3, P/DR. NO.180, THIRUVALLURE- THIRUTHANI HIGHWAY, OPP TO LCR ENGINEERING COLLEGE, KANCHIPADI VILLAGE, THIRUTHANI TK., TVLR DIST.	13.19937	79.784818	GBT
19	50108	4267	4267_Puduchatr_Kotam du_TVLR_C	S. NO: 4/2, POONAMALLEE THIRUVALLUR HIGH WAYS, PUDUCHATRAM - 602 107	13.09013	80.00329	GBT

20	51101	4268	4268_Pandur_TVLR_C	S. NO: 498/3B, KUPAMAL SHAKTIRAMAN INFRONT OF PRIYA DARSHI DENTAL HOSPITAL, MELAGARAM, PANDUR POST, THIRUVALLUR DIST, THIRUVALLUR.	13.150654	79.851305	GBT
21	50270	4273	4273_Koppur_TVLR_C	S. NO: 303/9A2KOPPUR VILLAGE (P.O.), THIRUVALLUR TK, THIRUVALLUR DIST. 602025	13.07959	79.966374	GBT
22	50823	4274	4274_Kottamedu_Arany al_TVLR_C	S. NO: 397, DOOR NO: 1/989, PERUMAL KOIL STREET, MURUKANCHERI VILLAGE, ARANVOYAL POST, TIRUVALLUR TK, TIRUVALLUR DIST.	13.096485	79.978838	GBT
23	50134	4277	4277_Vengatur_TVLR_C	NO:1, PERUMAL KOIL ST, VENGATTUR VILLAGE, THIRUVALLUR TK	13.099029	79.930635	GBT
24	40406	4309	4309_KACHURMEDU_T VLR_B	KATCHURMEDU EXCHANGE STATE HIGHWAY51, TIRVALLUR -UTHUKKOTTAI ROAD , TAMIL NADU 602026, INDIA ?	13.292779	79.887425	GBT
25	45473	4327	4327_GOONIPALAYAM_ USO_TVLR_C	GOONIPALAYAM VILLAGE ,NEAR POONDI PIN - 602023	13.28191	79.86239	GBT
26	50268	4355	4355_Arungulam_TRN_ C	S.NO.282/1A1A, 280/2,473/18 & 282/1282/1A1A, WATER HOUSE STREET, ARUNGULAM VILLAGE & POST	13.231614	79.676063	GBT
27	50299	4363	4363_Attrambakkam_T VLR_C	S.NO.246/3 ATTARAMBAKKAM VILLAGE, OTAHPPAI POST, UTHUKOTTAI TALUK , THIRUVALLUR DIST	13.232886	79.887289	GBT
28	50321	4367	4367_Thimmabopalapur am_TVLR_C	S.NO.108/15, D.NO.434, SEETHANJERI, PLACEPALAYAM ROAD, THIMMABOOPALAPURAM, UTHUKOTTAI TK., THIRUVALLORE DIST	13.256747	79.813285	GBT
29	50814	4372	4372_Sendrayanpalaya m_TVLR_C	S.NO: 326/2, SENDRAYANPALAYAM VILLAGE & POST, POONDI, TIRUVALLUR TK & DIST	13.21471	79.82591	GBT
30	50822	4374	4374_Vadamadurai_TVL R_C	S.NO: 312/1, NEW SURVEY NO: 1648.1, PETTAIMEDU VILLAGE, VADAMADURAI POST, UTHOKOTTAI TK, TIRUVALLUR DT	13.28489	80.047101	GBT
31	50826	4375	4375_Velakapurakm_TV LR_C	S.NO: 163/2, DOOR NO:1/63, VINAYAGAR KOIL STREET, VELAKAPURAM VILLAGE, PALAVAKKAM POST, THIRUVALLUR TK, TIRUVALLUR DIST	13.28459	79.93685	GBT
32	51100	4387	4387_Uthukottai_ANR_ TVLR_B	S. NO: 527/2A, NAGALAPURAM ROAD, UTHUKOTTAI, UTHUKOTTAI TK, TIRUVALLUR DISTRICT	13.332678	79.886019	GBT
33	50281	4389	4389_Laxmapuram_TRN _C	S. NO: 104/20-0.11, LAKSHMAURAM VILLAGE, NABALUR POST, TIRUTTANI TALUK, THIRUVALLUR DIST.	13.20512	79.69189	GBT
34	51099	4395	4395_Ananderi_TVLR_C	NO:1, UTTUKOTTAI IGHWAY, THARACHI VILLAGE, UTTUKOTTAI TK, THIRUVALLUR DIST.	13.327871	79.929021	GBT
35	51147	4396	4396_Pennlurpet_Uthuk o_TVLR_C	BSNL VACANT LAND, SF NO: 376 (186/9), PENNALURPET, BETWEEN VAO OFFICE BUILDING AND PANCHAYAT LIBRARY, PENNALURPET.	13.30681	79.855301	GBT
36	44029	4455	4455_PULARAMBAKKA M_TVLR_C	C. KARUNAKARAN, S/O SENGALVARAYAN,S.NO.431/2B,DR.NO. 55 PULLARAMBAKKAM VILLAGE, TVLR TK &DT.	13.16616	79.89145	GBT

CLUSTER ID: SDETVR2

Annexure T2

	DGM AR	EA : DGI	M NWA-CM	Division : DE_TVR	Sub division	: SDETVR2	
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Tower type
1	51549	4204	4204_Vanganoor_Pallipet_T RN	SURVERY NO 193/6, VANGANNOR VILLAGE,	13.18221	79.45741	GBT
2	44051	4329	4329_AMMAIYARKUPPAM_T RN_C	G.V.VAJRAVELU,S/OG.P.VENKATESA MUDALIAR,S.NO298/18, D.NO.3/104, KAMARAJAR SALAI,AMMAYARKUPPAM VILLAGE, PALLIPET TALUK, THIRUVELLORE DIST.	13.17768	79.41957	GBT
3	40366	4337	4337_RL_THIRUTTANI_MRF_ TRN_B	(OWNER C. GIRISHOKUMAR.NO 1 SASTRI NAGAR ITCHIPUTHUR ARAKONAM) S.NO589,ITCHIPUTHUR,ARAKONAM631 003	13.141211	79.630753	GBT
4	40368	4338	4338_THIRUTTANI_MW_TR N_C	CHENNAI -THTIRUTTANI HW MICROWAVE	13.18475	79.62303	GBT
5	40384	4343	4343_RW_THIRUTAN_TIRUP A_TRN_C	SHRI. A PRABAKAR MD THE CHEMICAL ENGINEERING CORPN P LTD PONPADI RS PIN 631113.	13.24154	79.58687	GBT
6	44054	4345	4345_KOLATHUR_PALLIPATU _TRN_C	K. GOVINDASAMY,S/O T. MUNUSAMY UDAIAR,NEAR RAMAR KOIL STREET, KOLATHUR VILLAGE, PALLIPET TALUK, THIRUVELLORE DIST.	13.33385	79.482066	GBT
7	45257	4346	4346_KRISHNA_SAMUDRAM _TRN_C	SMT. R. JAYACHITRA, W/O K. RAMAMURTHY,S.NO.260/1, THIRUTHANI ROAD, KRISHNASAMUDRAM VILLAGE, PALLIPET TALUK, THIRUVELLORE DIST.	13.21328	79.54447	GBT
8	45061	4347	4347_VEERANATHUR_TRN_C	SMT. RAMATHILAGAM, W/O SUBRAMANI REDDY,S.NO.377/9, D.NO.1/30, REDDY STREET, VEERANATHUR VILLAGE,R.K.PET 631303	13.117644	79.454557	GBT
9	50231	4350	4350_Venkatapuram_TRN_C	S.NO: 126/8A, NO.1, VENKATAPURAM VILLAGE, PATTABHIRAMAPURAM, THIRUTANI(TK), THIRUVALLUR DISTRICT	13.193649	79.610673	GBT
10	50259	4351	4351_kadanagaram_TRN_C	P.C. LAKSMANA RAJU, S/O CHENGAMMA RAJU,S.NO.32/2, BALAPURAM ROAD, KADANAGARAM VILLAGE, AMMAYARKUPPAM VIA, PALLIPET TK., TVLR DIST.	13.17754	79.38845	GBT
11	50269	4356	4356_Nochili_TRN_C	S.NO.270/15, POST OFFICE STREET, NOCHILI VILLAGE & POST, PALLIPET TALUK, THIRUVALLUR DIST.	13.23021	79.47381	GBT
12	50280	4357	4357_Thekkalur_TRN_C	S.NO.339/3, THIRUTHANI ROAD, THEKKALUR VILLAGE, THIRUTHANI TALUK	13.19847	79.56542	GBT
13	50282	4358	4358_Sirugummi_TRN_C	S.NO.20/1B, BAJANAI KOIL STREET, SIRUGUMMI VILLAGE, THIRUTHANI TK., TVR DIST.	13.210519	79.509234	GBT
14	50283	4359	4359_Sengalathur Agrah_TRN_C	S. NO.16/3, MAIN ROAD, SENGALATHUR AGRAHARAM VILLAGE & POST, KG KANDIGAI VIA,THIRUTHANI TK., THIRUVALLUR DIST.	13.15661	79.51605	GBT
15	50287	4360	4360_Konasamudram_TRN_ C	S.NO.12/8F,KONASAMUDRAM VILLAGE & POST,PALLIPET TK,TIRUVALLUR DIST.	13.273301	79.45735	GBT
16	50476	4369	4369_Perungalathur_TRN_C	NO: 539/2-B, NEAR PERUNGALATHUR VILLAGE, ARAKKONAM TK, VELLORE DIST.	13.19851	79.65675	GBT

17	50812	4371	4371_Rajanagaram_TRN_C	T. GOVINDASAMY REDDY, S/O T. MUNIAPPA REDDY,S.NO.295-4, DROWPADI AMMAN KOIL STREET, RAJANAGARAM EAST VILLAGE, PALLIPET TK., TVLR DIST.	13.18226	79.439974	GBT
18	51061	4376	4376_Srikalikapuram_TRN_C	M. GOVINDASAMY, S.NO.169/1A,1B,1C, OPP TO KRIRUBANANTHA VARIAR SCHOOL, BARATHI NAGAR, PILLANGI- SRIKALIKAPURAM ROAD, SRIKALIKAPURAM VILLAGE, PALLIPET TK., TVLR VDIST.	13.133215	79.411073	GBT
19	51062	4377	4377_Keechalam_TRN_C	S.NO.29/9B, PODATURPET ROAD, KEECHALAM VILLAGE, PALLIPET TALUK.	13.23864	79.50651	GBT
20	51063	4378	4378_Koramangalam_TRN_C	S.NO. 205/4, CHITTOOR ROAD, KORAMANGALAM VILLAGE, THIRUTHANI TALUK.	13.17186	79.55603	GBT
21	51064	4379	4379_Thalavedu_TRN_C	S.NO.263/1D1, NAGALAPURAM ROAD, THALAVEDU COLONY, THIRUTHANI TK., TVR DIST.	13.22675	79.64032	GBT
22	51109	4381	4381_NH205_HW_TTN_TPT _TRN_B	S. NO: 197/15, MURUGAMPATTU VILLAGE & POST, TIRUTTANI TK, TIRUVALLUR DIST - 631209	13.214017	79.599903	GBT
23	51114	4384	4384_Poonimangadu_TRN_C	SURVEY NO:#511/18, KAMMAVAR STREET,POONIMANGADU VILLAGE,THIRUTTANI TALUK,THIRUVALLUR DIST.	13.265204	79.639086	GBT
24	51171	4397	4397_Vediyangadu_TRN_C	S.NO 35/3, VEDIYANGADU VILLAGE & POST, PALLIPET TALUK, THIRUVALLUR DIST.	13.104293	79.317034	GBT

CLUSTER ID: SDETVR3

Annexure T3

	DGM AR	EA : DGN	1 NWA-CM	Division : DE_TVR			
SI No	Unique id	Site id	Site name	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD	Towe r type
1	51729	368	0368_GMPD_TJSEngC olge_C	TJS college,Peruvayal, Gummudipondi,Thiruvallur dist	13.34028	80.13671	RTP
2	51700	399	0399_IBS_VALLUR_NT ECL_C	NTECL service building, Vallur Thermal Power, Project, Velliyoyal chavadi, Ponneri Taluk, Tiruvallur Dist, Chennai- 600103	13.237891	80.302942	IBS
3	45073	656	0656_ENNORE_PORT_ C	ADMIN OFFICE,ENNORE PORT, VALLUR POST, CHENNAI-120	13.26575	80.32961	RTP
4	51582	660	0660_Vvoyalchavadi_ NTECL_IUBIP_C	NTECL,Vallur	13.23215	80.30657	GBT
5	51149	662	0662_Athipattu_NCTP S_STAGE_I_IUBIP_B	NORTH CHENNAI THERMAL POWER STATION,ATHIPATTU,NEAR VELAPPANCHAVADI, PONNERI DIST.	13.25231	80.32669	RTP
6	50496	668	0668_MINJUR_town_ Rajam_Nagar_IUBIP_C	PLOT NO: 2, RAJAM NAGAR, MINJUR - 601 203	13.26989	80.25996	GBT
7	50047	691	0691_IP_NLR_Atipatu _IUBIP_B	A - 143, ATHIPATTU PUDHU NAGAR, ATHIPATTU, CHENNAI - 120	13.25087	80.30281	GBT
8	30620	693	0693_MNJR_Vellala Street_IUBIP_B	NO 135, MINJUR II, OPP. BRINDAVAN KALYANA MANDAPAM,VALLALAR ST.,MINJUR, CHENNAI.	13.280081	80.256817	GBT
9	45146	704	0704_Minjur_Madiyur _C	3/7A, SEEMAPURAM MAIN ROAD, CHINNA MADIUR VILLAGE	13.26707	80.24174	GBT
10	44305	705	0705_BSNL_ATHIPET_I UBIP_C	ATHIPET EXCHANGE	13.26143	80.28709	GBT
11	51448	716	0716_Vallur_NTECL_Q uarters_IUBIP_C	NTECL TOWNSHIP, VELLIYALCHAVIDI, VALLUR, THIRUVALLUR DIST	13.25056	80.28854	RTT
12	51467	717	0717_IP_Athipattu_NC TPS_STAGE_II_C	Exchange Room, North Chennai Thermal Power Station, Stage II, Athipattu, Chennai-120	13.25557	80.32778	WM
13	51679	718	0718_LNT_ShipYard_K attupalli_IUBIP_C	L & T SHIPPING YARD PROJECT OFFICE, KATTUPALLI, NEAR ENNORE PORT.	13.29572	80.33386	RTP
14	50839	816	0816_CHVM_Alinjivak kam_C	PLOT NO: 244, 2ND CROSS STREET, SAI KRIPA NAGAR, ALINJIWAKKAN, CHENNAI - 67	13.26032	80.15452	GBT
15	51531	4214	4214_Equarpalayam_C	Smt. S. Rajeshwari Mo Shri. E. Rajendran, Survey No.1371194 & 137120, Equarpalayam Village & Post, Gummudipoondi Taluk., Tiruvallur Dist. ContactNo. 9444240220,9600622033	13.43653	80.05551	GBT
16	40855	4305	4305_KANNIGAIPAIR_ TVLR_C	VACANT LAND ,UTTUKOTTAI-PERIAPALAM MN.ROAD, KANNIGAIPAIR, CHENNAI - PERIYAPALAYAM HIGHWAY , UTHUKOTTAI TALUK , THIRUVALLUR DISTRICT, TAMILNADU, - 601 102, TAMIL NADU	13.27471	80.09723	GBT
17	44014	4310	4310_ARANI_PON_C	ARANI,TIRUVALLUR, TAMIL NADU 601101, INDIA	13.330259	80.084277	GBT
18	45141	4314	4314_DEVAMPATTU_E XCH_PON_C	DEVAMPATTU EXCHANGE GUMMIDIPUNDI, TAMIL NADU 601201, INDIA ?	13.45103	80.19931	GBT
19	44313	4321	4321_SURAVARI_KAN DIGAI_PON_B	SURAVARI_KANDIGAI AMIRTHAMANGALAM, TAMIL NADU 601102, INDIA ?	13.388305	80.06054	GBT
20	44017	4324	4324_THATCHUR_PON _C	THATCHUR JUNCTION NEAR PONNERI,SH 56, THATCHOOR, TIRUVALLUR,TAMIL NADU 601101, INDIA	13.297394	80.148314	GBT
21	45013	4325	4325_PULICOT_NBSNL _PON_C	PULICOT EXCHANGE STATE HIGHWAY 104, PULICAT, TAMIL NADU 601205, INDIA	13.41532	80.31417	GBT

22	45472	4326	4326_THERVOY_USO_ TVLR_C	THERVOY KANDIGAI BUS STOP PERUMAL KOIL ST, THERVOY KANDIGAI, TAMIL NADU 601202, INDIA ?	13.37648	79.99839	GBT
23	45476	4328	4328_SELIAMBEDU_U SO_PON_C	SELLAMBEDU VILLAGE NEAR DEVAMPATTU RSU	13.47895	80.19831	GBT
24	50030	4348	4348_Ayanallur_PON_ C	NO:69, AYANALLUR VILLAGE, CHENNAI - 601 201, GUMMIDIPOONDI TK	13.406687	80.18417	GBT
25	50220	4349	4349_ChinnaVazhutala mbe_PON_C	NO: 202, CHINNAVAZHUTHALAMBEDU VILLAGE, THERVAHI POST, GUMMIDIPOONDI - 601 201.	13.428694	80.155047	GBT
26	50261	4352	4352_Chinnmbedu_V1_ acd_PON_C	S. BASKAR, S/O BABU MUDALIAR,S.NO. 601/17 CHINNAMBEDU VILLAGE, PONNERI 601206	13.319585	80.121262	GBT
27	50262	4353	4353_Medur_PON_C	MN. THAMILARASAN, S/O MR. NARAYANANA, S.NO.1845/3, NO.42, MEDHUR VILLAGE	13.38411	80.21705	GBT
28	50263	4354	4354_Kolur_PON_C	CHAKKUBAI W/O SRI KALATHI MUDHALIAR, S.NO.499/9, D.NO.22, KOLLUR VILLAGE	13.42936	80.22464	GBT
29	50296	4361	4361_Tanipoondi_PON_ C	SURVEY. NO: 256/6B, PLOT NO: 424, PERUMAL KOIL STREET, TANIPOONDI, GUMMIDIPOONDI TK, TVLR DIST 601 201	13.415745	80.013372	GBT
30	50297	4362	4362_Edur_PON_C	S. NO. 209/5, EDUR VILLAGE & POST, PONNERI TK, TVLR DIST 601 201	13.47796	80.06566	GBT
31	50305	4364	4364_Annamalaicheri_P ON_C	T. SUGUMAR, PRESIDENT, S/O DHASARATHAN, ANNAMALAICHERY VILLAGE, THIRUPALAIVANAM POST, PONNERI TK, TVR DIST.	13.45652	80.25841	GBT
32	50313	4365	4365_Kattavur_PON_C	S.NO.197/20, KATTAVUR, ARASUR POST, , PONNERI TK, THIRUVALLUR DISTRICT, PIN-601204.	13.36383	80.18031	GBT
33	50315	4366	4366_Somanancheri_P ON_C	S.NO.66 20/1,152/2, SOMANANCHERI VILLAGE, REDDYPALAYAM POST, PONNERI, PIN-601204.	13.357209	80.264849	GBT
34	50382	4368	4368_Pudhuvayal_PON _B	NO:1/79, POST OFFICE STREET, PUDUVOYAL VILLAGE & POST, GUMMIDIPOONDI TALUK, THIRUVALLUVAR DISTRICT, PIN - 601 206.	13.33025	80.14671	GBT
35	50485	4370	4370_Peddikuppam_PO N_C	S. NO: 216/1B2, DOOR NO: 413, BAJANAI KOVIL STREET, SAMY REDDY KANDIGAI, GUMMIDIPOONDI, THERVAZHI POST, THIRUVALLUR DIST - 601 201	13.43285	80.12178	GBT
36	50819	4373	4373_Thandalacheri_PO N C	S NO 243/73, 243/74, THANDALACHERY VILLAGE, GUMMUDIPOONDI POST, THIRUVALLUR DT	13.37478	80.09956	GBT
37	51106	4382	4382_RL_Pulikulam_1_ PON_B	NO:1, PERUMAL KOIL ST, PULIKULAM VILLAGE, ALODU POST, PONNERI TK, THIRUVALLUR DT 601 204	13.31466	80.21404	GBT
38	51098	4383	4383_Thandalam_V_TV LR_C	S. NO: 260/3A1, THANDALAM VILLAGE, UTHUKOTTAI TK, THIRUVALLUR DIST.	13.31111	80.00294	GBT
39	51105	4385	4385_Chinavaram_PON _C	H. NO-1/133, K. SAYANAVARAM VILLAGE, AMUR POST, PONNERI - PANCHETTI HIGH ROAD, PONNERI (T.K.), THIRUVALLUR DIST - 601 204.	13.31179	80.17516	GBT
40	50536	4386	4386_New_Gummudipo ondi_PON_C	NO:2/121, CHAIRMAN KANDASWAMY STREET, NEW GUMMIDIPOONDI, CHENNAI - 601 201	13.40115	80.11734	GBT
41	50512	4388	4388_RL_Gummidipond i_OT_PON_C	DOOR NO: 273, SUBASH CHANDRA BOSE STREET, GNT ROAD, GUMMIDIPOONDI - 601 201	13.40422	80.12753	GBT
42	50314	4390	4390_Devadanam_PON	S.NO.372/13, 999, ANNAMALAI NAGAR, TV PURAM, PONNERI TK, PIN-601204.	13.311453	80.244784	GBT
43	44018	4402	4402_ATHIPEDU_JAGA NATA_PON_C	JAGANATHAPURAM III VILLAGE ,PONNERI TALUK ,THIRUVALLUR DIST 631210	13.274792	80.178499	GBT
44	51364	4404	4404_Hyderabad Indust_TVLR_C	MR.PRAKESH HR MGR,HYDERABAD IND LT,MANJANKARANAI POST,KANNIGAPER VILLAGE,UTHUKOTTAI TALUK.MOBIL:9444444893,PH27629077	13.27434	80.11159	RTP
45	40461	4464	4464_ELAVOOR_PON	SHRI AHMED ALI, 954, GNT ROAD, ELAVUR 601 211	13.46189	80.11344	GBT

ANNEXURE CFA1

SI no	EXCHANG E_CODE	EXCHANGE_NA ME	CLUSTERID	Area	site id	site name	unique ID	Address	LATITUDE DD.DDDD	LONGITUDE DD.DDDD
1	CHNGPD	GUMMUDIPOO NDI	CNCHN016	GMN	4317	4317_GUMMIDIPOO NDI_MW_PON_A	10252	BSNL SIPCOT TELE EXCH , GUMMIDIPOONDI TALUK, GUMMIDIPOONDI-601201	13.41164	80.11241
2	CHNGOT	GUMMUDIPOO NDI OLD TOWN	CNCHN016	GMN	4318	4318_RL_GUMMDIPO NDI_RSU_PON_A	40356	4/99 GNT ROAD, SANTHA NILAYAM ,BSNL OLD TOWN RSU TELE EXCH, GUMMIDIPOONDI TALUK, GUMMIDIPOONDI-601201	13.40745	80.128053
3	CHNKVP	KAVARAIPETTAI	CNCHN016	GMN	4319	4319_RL_KAVARAIPE T_PON_A	40357	GNT ROAD KAVARAIPET GUMMIDIPOONDI TK KAVARAIPET EXCHANGE (NEAR THE BRIDGE)601206	13.36572	80.13892
4	CHNATP	ATHIPATTU	CNCHN016	GMN	4401	4401_THIRUVELAVOY AL_EXC_PON_C	44021	THIRUVELLAVOYAL EXCH,PONNERI TALUK, THIRUVALLUR DISTRICT. PINCODE - 601 203	13.33151	80.28371
5	CHNVVC	VELLIVAYALCHA VADI	CNCHN055	GMN	680	0680_BSNL_VELAVOY ALCHAVDI_EXGE_IUBI P_B	25132	VELLIVOYALCHAVDI EXNG, NCTPS ROAD(100 FT. RD), VELUVOILCHAVDI, CHENNAI	13.25673	80.27546
6	CHNAPU	ATHIPEDU	CNCHN055	GMN	837	0837_BSNL_ATHIPED U_EXCH_IUBIP_B	25475	ATHIPEDU TELEPHONE EXCHANGE, ATHIPEDU, GNT ROAD, PONNERI TALUK, CHENNAI-67	13.27635	80.15108
7	CHNSBL	SUNNAMBUKUL AM	CNCHN055	GMN	4301	4301_SUNNAMBUKU LAM_EXCH_PON_C	44007	SUNNAMBUKULAM EXCH TAMIL NADU 601201, INDIA	13.48731	80.14869
8	CHNABK	ARAMBAKKAM	CNCHN055	GMN	4302	4302_ARAMBAKKAM _PON_B	40355	S.NO:290/2,ARAMBAKKAM VILLAGE,GUMMIDIPOONDI TALUK,TELEPHONE EXCHANGE, ARAMBAKKAM (BY THE SIDE OF NH4)	13.542083	80.069279
9	CHNTLM	TIRUPALAIVANA M	CNCHN055	GMN	4315	4315_THIRUPALAIVA NA_EXC_PON_C	44012	THIRUPALLAIVANAM SH 104, PONNERI HIGH ROAD,TAMIL NADU 601205, INDIA	13.40211	80.25126
10	СНММРК	MADARPAKKAM	CNCHN055	GMN	4322	4322_MADHARPAKKA M_PON_C	44314	MADHARPAKKAM EXCHANGE,GUMMIDIPOON DI,THIRUVALLUR DISTRICT 601202	13.445404	80.002989
11	СНПЕМВ	ELAVAMBEDU	CNCHN055	GMN	4403	4403_ELEVEMBEDU_ EXCH_PON_C	44303	ELAVEMBEDU EXG,PONNERI- THIRUVATIYUR ROAD SH56 TIRUVALLUR 601203	13.29381	80.21461
12	CHNPLR	PALUR	CNCHN038	GMS	4456	4456_RL_PALUR_CPT	40377	2226/1,PALUR VILLAGE,PALUR EXCHAGE ,CHENGALPET	12.76525	79.91147
13	CHNPVK	P.V.KALATHUR	CNCHN038	GMS	4457	4457_PVKALATHUR_C PT_C	40376	P.V.KALATHUR, CHENGALPATTU METTU ST, PON VILAINTHA KALATHUR, TAMIL NADU 603405, INDIA ?	12.616963	79.977465
14	CHNKLP	KALPAKKAM PROJECT	CNCHN039	GMS	4009	4009_KALPAKKAM_P ROJ_RSU_CPT_A	44316	KALPAKAM IGCAR	12.56226	80.17436
15	CHNORA	ORATHI	CNCHN040	GMS	4002	4002_ORATHI_CPT_C	44308	ORATHI EXCHAGE,TINDIVANAM- ORATHI ROAD, ORATHI, KADAMALAIPUTHUR RD, ORATHI, TN 603307	12.38042	79.69572

16	CHNEPM	ELAPAKKAM	CNCHN040	GMS	4003	4003_ELAPAKKAM_C PT_C	44309	ELAPAKKAM EXCHANGE, ELAPAKKAM , TAMIL NADU 603307, INDIA ?	12.42802	79.73841
17	CHNLER	L.ENDATHUR	CNCHN040	GMS	4004	4004_L_ENDATHUR_ CPT_C	44112	L. ENDATHUR P.O.ENDATHUR DIST KANCHEEPURAM TAMIL NADU 603406	12.51905	79.77095
18	CHNKDP	KADAPPAKKAM	CNCHN040	GMS	4006	4006_KADAPAKKAM_ ECR_ROD_CPT_C	45265	KADAPAKKAM_ECR_ROAD, KADAPAKKAM	12.27683	80.00431
19	CHNACP	ACHARAPAKKA M	CNCHN040	GMS	4010	4010_ACHARAPAKKA M_CPT_A	10253	TELEPHONE EXCH , ACHARAPAKKAM	12.403411	79.813799
20	CHNCYR	CHEYYUR	CNCHN040	GMS	4011	4011_CHEYYUR_CPT_ B	30154	TEL.EXCHANGE, STATEHIGHWAY115,CHEYY UR	12.34965	80.00616
21	CHNNDM	NEDUMARAM	CNCHN040	GMS	4014	4014_NEDUMARAM_ CPT_C	20259	NEDUMARAM EXG ,CUVATHOOR SOUTH ST, 603305	12.44152	80.10664
22	CHNPUK	PUKKATHURAI	CNCHN040	GMS	4015	4015_PUKKADURAI_E XCH_CPT_A	35203	S.NO:6/2,KOLAMBAKKAM VILLAGE ,MADURANTHAKAM JU,PUKKATHARAI TELEPHONE EXCH, VEDANTHANGAL ROAD JUNCTION BUKKATHURAI	12.605753	79.92004
23	CHNMMR	MELMARUVATH UR	CNCHN040	GMS	4022	4022_MELMARUVAT HUR_CPT_A	40374	MELMARUVATHUR,TELEPH ONE EXCHANGE, MELMARUVATHUR, KANCHEEPURAM DISTRICT, HOSPITAL RD, 603319	12.43295	79.82684
24	CHNPVJ	PAVANJUR	CNCHN040	GMS	4023	4023_PAVANJUR_CPT _C	40378	TELEPHONE EXCHANGE , PAVANJUR	12.44589	80.00258
25	CHNZER	ZAMIN ENDATHUR	CNCHN040	GMS	4038	4038_JAMIN_ENDAT HUR_EXC_CPT_C	44120	JAMEEN ENDATHUR EXCHANGE,MADURANTHAG AM TK 603311	12.448217	79.934169
26	CHNCTM	CHITTAMUR	CNCHN040	GMS	4459	4459_CHITTAMUR_CP T_C	40382	TELEPHONE EXCHANGE, CHITTAMUR,STATE HIGHWAY 115 POLAMBAKKAM, TAMIL NADU 603313,044- 27544124	12.40951	79.89445
27	CHNCHT	CHUNAMPET	CNCHN040	GMS	4460	4460_CHUNAMBEDU _CPT_C	40383	TELEPHONE EXCHANGE ,CHUNAMPET, TAMIL NADU 603401, INDIA ?	12.25566	79.90465
28	CHNMMN	MARAIMALAINA GAR	CNCHN041	GMS	3903	3903_MM_NAGAR_E XCH_A	25131	MM NAGAR TEL EXNG, INDUSTRIAL ESTATE, MM NAGAR-603209, KANCHEEPURAM DIST.	12.78619	80.02994
29	CHNEST	ESTANCIA	CNCHN041	GMS	3922	3922_RL_GUDUVANC HERY_IT_c	45152	ESTANTIA IT PARK ,GUDUVANCHERI	12.82684	80.047152
30	CHNSPK	SINGAPERUMAL KOIL	CNCHN041	GMS	4109	4109_RL_SPKOIL_CPT _A	35819	SURVEY NO: 34/4, SINGAPERUMAL KOIL VILLAGE,KANCHEEPURAM DT - 603 204. TELEPHONE EXCH , S.P.KOVIL	12.756514	80.001632
31	CHNMIP	MIPL	CNCHN041	GMS	4188	4188_Mahendra City_CPT_C	51183	MAHENDRA CITY RSU, MAHENDRA WORLD CITY , ADMINISTRATIVE BLOCK, CENTRAL AVENUE, CHENNAI.	12.73014	80.00022
32	СНИКВМ	KELAMBAKKAM	CNCHN042	GMS	3314	3314_KELAMBAKKAM _EXCH_A	25126	KELAMBAKKAM TELEPHONE EXGE, KELAMBAKKAM.	12.784823	80.220134

33	СНИМВР	MAMALLAPURA M	CNCHN042	GMS	3316	3316_MAHABALLIPUR AM_EXCH_A	25130	MAMALLAPURAM TEL. EXCH. MAMALLAPURAM- 603104	12.62171	80.1931	7
34	CHNSIR	SIRUSERI	CNCHN042	GMS	3317	3317_SIRUSERI_RSU_ SIPCOT_IT_A	44306	SIRUSERI_RSU_SIPCOT_IT_C PX	12.8308	80.21976	6
35	CHNMPY	MANAPATHY	CNCHN042	GMS	4001	4001_MANAMPATHY _EXCH_CPT_C	44307	MANAPATHY EXG, MANAPATHY MULIPAKKAM ROAD TAMIL NADU 603105, INDIA	12.656959	80.12029)6
36	CHNTKK	TIRUKALIKUNDR AM	CNCHN042	GMS	4016	4016_THIRUKALUKUN DRAM_CPT_A	30157	TEL.EXCH,EAST TANK STREET, SANGUTHIRTHAKULAM,THI RUKALUKUNDRAM	12.606844	80.06175	55
37	CHNMVP	MEVALURKUPPA M	CNCHN051	GMW	164	0164_NH4_BSNL_Irun gatukotai_IUBIPM_B	40708	SIPCOT EXCHANGE,IRRUNGATTUKO TTAI	12.99968	80.01362	1
38	CHNSOM	SOMANGALAM	CNCHN051	GMW	3952	3952_KISHKINTA_PU DUCHERY_B	40330	BSNL STR TOWER, PUDUCHERRY, CHENNAI- 602109	12.945603	80.04844	15
39	CHNEDP	EDAYARPAKKAM	CNCHN051	GMW	4219	4219_EDAYARPAKKA M_SPD_C	44077	S.NO. 205/2,EDAYARPAKKAM VILLAGE,SRIPERUMBUDUR TALUK,KANCHEEPURAM DISTRICT	12.987807	79.79459	9
40	CHNPDI	PADAPPAI	CNCHN051	GMW	4220	4220_PADAPPAI_SPD _A	40862	PADAPPAI EXCHANGE,STATE HIGHWAY 48, PADAPAI, TAMIL NADU 602301, INDIA ?	12.886781	80.01865	; 9
41	CHNUTR	UTHIRAMERUR	CNCHN052	GMW	4017	4017_TELEXG_UTHIR AMERUR_KCM_A	30159	TELEPHONE EXCH ,NEAR BUSSTAND,PERUMALKOIL ROADUTHIRAMERUR	12.6161701	79.75785	i5
42	СНИМИМ	MANAMATHY	CNCHN052	GMW	4024	4024_MANAMPATHY _KCM_C	44318	MANAMPATHY EXG,MANAMBATHI, UTHIRAMERUR ROAD TAMIL NADU 603403 INDIA	12.626897	79.66100)3
43	CHNENA	ENATHUR	CNCHN052	GMW	4125	4125_ENATHUR_KCM _A	45088	S.NO.446/4,ENATHUR ROAD,KANCHEEPURAM TALUK & DIST. 631561	12.86011	79.73355	i5
44	CHNTNI	TENNERI	CNCHN052	GMW	4129	4129_THENNERI_KC M_C	44090	THENNERI,KANCHIPURAM SH 120, TAMIL NADU 631604, INDIA ?	12.85125	79.85487	7
45	CHNMGR	MAGARAL	CNCHN052	GMW	4458	4458_MAGARAL_KC M_C	40373	MAGARAL EXCHANGE MAGARAL VILLAGE & POST, STATE HIGHWAY 118A, MAGARAL, TAMIL NADU 631603, INDIA ?	12.719533	79.75335	52
46	CHNVEY	VELLIYUR	CNCHN053	GMW	4201	4201_VELLIYUR_TVLR _C	40870	TELEPHONE EXCH , VELLIYUR,THIRUVALLUR.TA TE HIGHWAY 114, TAMIL NADU 602024, INDIA	13.21706	80.00875	5
47	СНПРВК	PERAMBAKKAM	CNCHN053	GMW	4205	4205_PERAMBAKKA M_TVLR_B	40865	PERAMBAKKAM EXCHANGE,KALAMBAKKAM RD, PERAMBAKKAM, TAMIL NADU 631402, INDIA	13.038579	79.81072	!3
48	CHNULN	ULANDAI	CNCHN053	GMW	4206	4206_ULUNDAI_TVLR _B	40869	TELEPHONE EXCHANGE, ULUNDAI,MANNUR, THODUKADU, SRIPERUMBUDUR, KANCHEEPURAM, ARAKKONAM RD, VALASAIVETTIKADU, TAMIL NADU 602105, INDIA	13.01565	79.919\$2	2

49	CHNTIU	TIRUR	CNCHN053	GMW	4211	4211_RL_TIRUR_TVLR _A	40868	TELEPHONE EXCHANGE, THIRUVUR(NEAR SEVAPET RLY STN),THIRUVUR- ARANVOYAL ROAD ,SEVVAPET, 602025	13.11972	79.961\$9
50	CHNPMP	PERUMALPATTU	CNCHN053	GMW	4212	4212_RL_PERUMALPE T_TVLR_A	40866	TELEPHONE EXCHANGE, PERUMALPET,NEAR VEPPAMPATTU RLY STN, TAMIL NADU 602024,	13.12295	79.99708
51	CHNUTK	UTHUKOTTAI	CNCHN053	GMW	4308	4308_UTHUKKOTTAI_ TVLR_B	30830	TELEPHONE EXCH , UTHUKOTTAI	13.33786	79.900377
52	CHNTVG	TIRUVALANGAD U	CNCHN054	GMW	4221	4221_THIRUVALANKK ADU_TRN_C	20261	THIRUTHANI CO - OP SUGAR MILLS COMPOUND THIRVALLUR - THIRVALANGADU ROAD 631210	13.12594	79.77637
53	СНИККС	KANAKAMMACH ATRAM	CNCHN054	GMW	4229	4229_KANAKKAMACH ATRAM_TRN_C	40367	V.GOVINDAN,1/94, VANIGAR STREET,KANAKKAMMACHA TRAM VILLAGE,TIRUTTANI TALUK,TVLR DT,TELEPHONE EXCHANGE,	13.20735	79.75117
54	CHNAMK	AMMAIYARKUP PAM	CNCHN054	GMW	4344	4344_RK_PET_TRN_C	40388	R.K. PET EXCHANGE,STATE HIGHWAY 54, RAMAKRISHNARAJA PET, TAMIL NADU 631303, INDIA	13.171309	79.437066
55	CHNPPT	PALLIPET	CNCHN054	GMW	4330	4330_PALLIPET_TRN_ B	30151	TEL.EXCH BLDG,DANTHAPETAI,PALLI PATU THIRUTHANI TO CHITTOOR ROAD,PALLIPATTU	13.32467	79.44098
56	CHNPDP	PODATHURPET	CNCHN054	GMW	4332	4332_PODATHURPET _TRN_A	30152	TEL.EXCH. BLDG,THIRUTHANI- PODATHURPET ROAD	13.28158	79.48383
57	CHNAJP	ATHIMANJERIPE T	CNCHN054	GMW	4339	4339_ATHIMANJERIP ET_TRN_B	40370	S.NO.185/18,METTU STREET,ATHIMANJERIPET	13.25364	79.43437
58	CHNNNK	N.N.KANDIGAI	CNCHN054	GMW	4340	4340_NN_KANDIGAI_ TRN_C	40375	N.N. KANDIGAI EXCHANGE NALLATHUR TIRUVALUR	13.272586	79.669347
59	CHNKGK	K.G.KANDIGAI	CNCHN054	GMW	4341	4341_KG_KANDIGAI_ TRN_C	44319	S.NO 141/15A,CHITTOOR ROAD,KG_KANDIGAI VILLAGE,BEERA KUPPAM(BEHIND KG KANDIGAI EXCHANGE)	13.17398	79.51752
60	CHNMAD	MADDUR	CNCHN054	GMW	4342	4342_MADDUR_EXCH _TRN_C	44046	MADDUR EXCHANGE,KANCHEEPURA M	13.23702	79.56586

ANNEXURE CFA2

sl NO	EXCHANGE CODE	EXCHANGE NAME	EXCHANGE TYPE	CLUSTERID	Area
1	CHNMJR	MINJUR	URBAN	CNCHN016	GMN
2	CHNARN	ARANI	URBAN	CNCHN016	GMN
3	CHNENP	ENNORE PORT	URBAN	CNCHN016	GMN
4	CHNVEC	Velammal Engg.College	URBAN	CNCHN016	GMN
5	CHNPCT	PULICAT	RURAL	CNCHN055	GMN
6	CHNVER	VELUR CPT	RURAL	CNCHN055	GMN
7	CHNVLM	VALLAM	URBAN	CNCHN038	GMS
8	CHNKLT	KALPAKKAM TOWNSHIP	URBAN	CNCHN039	GMS
9	CHNANU	ANUPURAM	RURAL	CNCHN039	GMS
10	CHNKGI	KARUNGUZHI	URBAN	CNCHN040	GMS
11	CHNNKM	NELLIKUPPAM	RURAL	CNCHN041	GMS
12	CHNSRM	SRM UNIVERSITY	URBAN	CNCHN041	GMS
13	CHNURA	URAPAKKAM	URBAN	CNCHN041	GMS
14	CHNALR	ARULNAGAR	URBAN	CNCHN041	GMS
15	CHNGDV	GUDUVANCHERRY	URBAN	CNCHN041	GMS
16	CHNKYB	KAYARAMBEDU	URBAN	CNCHN041	GMS
17	CHNKDG	KANDIGAI	RURAL	CNCHN042	GMS
18	CHNKTR	KANATHUR	RURAL	CNCHN042	GMS
19	CHNKVM	KOVALAM	RURAL	CNCHN042	GMS
20	CHNMBK	MAMBAKKAM	RURAL	CNCHN042	GMS
21	CHNMIL	MILITARY CAMP	RURAL	CNCHN042	GMS
22	CHNNVR	NAVALUR	RURAL	CNCHN042	GMS
23	CHNSLU	SOOLERIKADU	RURAL	CNCHN042	GMS
24	CHNTUR	TIRUPORUR	URBAN	CNCHN042	GMS
25	CHNAHK	Akshya Homes	RURAL	CNCHN042	GMS
26	CHNALA	ALATHUR	RURAL	CNCHN042	GMS
27	CHNGAN	CHNGAN	RURAL	CNCHN042	GMS
28	CHNMTR	MATHUR	URBAN	CNCHN051	GMW
29	CHNNOK	NOKIA	URBAN	CNCHN051	GMW
30	CHNSNV	SUNGUVARCHATRAM	URBAN	CNCHN051	GMW
31	CHNSTG	STGOBAIN	URBAN	CNCHN051	GMW
32	CHNSVS	SV SUGAR MILLS	RURAL	CNCHN051	GMW
33	CHNTHA	THANDALAM DLC	URBAN	CNCHN051	GMW
34	CHNTVH	TVH SUVAYA	URBAN	CNCHN051	GMW
35	CHNVAR	VALARPURAM DLC	URBAN	CNCHN051	GMW
36	CHNCAP	CAPARIO ENGG	URBAN	CNCHN051	GMW
37	CHNDEL	Delphi TVS	URBAN	CNCHN051	GMW
38	CHNOMT	OLIMOHAMEDPET	URBAN	CNCHN052	GMW
39	CHNPAR	PARANDUR	RURAL	CNCHN052	GMW
40	CHNRJK	RAJAKULAM	URBAN	CNCHN052	GMW
41	CHNWBJ	WALAJABAD	URBAN	CNCHN052	GMW
42	CHNAGK	AYYANGARKULAM	RURAL	CNCHN052	GMW
43	CHNAYP	AYYAMPETTAI	URBAN	CNCHN052	GMW
44	CHNBTC	BALUCHETTICHATRAM	RURAL	CNCHN052	GMW
45	CHNSLK	SALAVAKKAM	RURAL	CNCHN052	GMW
46	CHNMEE	MEENAKSHI MEDICAL COLLEGE	RURAL	CNCHN052	GMW
47	CHNKBT	KADAMBATHUR	RURAL	CNCHN053	GMW
48	CHNKGP	KANNIGAIPAIR	RURAL	CNCHN053	GMW
49	CHNKNP	KANNIGAPURAM	RURAL	CNCHN053	GMW
50	CHNMYU	MEYYUR	RURAL	CNCHN053	GMW
51	CHNPKI	PULIYURKANDIGAI	RURAL	CNCHN053	GMW
52	CHNPLV	PALAVAKKAM-TIRUVALLUR	RURAL	CNCHN053	GMW
53	CHNPOD	POONDI	RURAL	CNCHN053	GMW
54	CHNPRP	PATTARAIPERUMBUDUR	RURAL	CNCHN053	GMW
55	CHNEKD	EKKADU	URBAN	CNCHN053	GMW
56	CHNGNM	GUNIPALAYAM	RURAL	CNCHN053	GMW
57	CHNMRF	MRF	URBAN	CNCHN054	GMW
58	CHNVDE	VEDEYANGADU	RURAL	CNCHN054	GMW
59	CHNARG	ARUNGULAM	RURAL	CNCHN054	GMW
60	CHNBKR	BKR Hotels	URBAN	CNCHN054	GMW
61	CHNBRP	BUCHIREDDIPALLI	RURAL	CNCHN054	GMW
62	CHNEMI	ERUMBI	RURAL	CNCHN054	GMW

TENTATIVE ALLOCATION

AL	LOCATION	WITHOUT N	ISME OR ALL I	MSME		ALLOCATION W	VITHOUT M	SME OR AL	LMSME		ALLOCATION WI	THOUT MSME OR AL	LMSME
	L1	L2	L3			L1	L2	L3	TOTAL SITES		L1	L2	L3
	50%	30%	20%	TOTAL SITES									
											FBR1,2,3;		
1	322	194	129	645	CM	311	190	144	645	СМ	ANR 1,2,3,4,5; TVR 1,2,3	CPT-1,2,3	RKN-1,2,3,7
2	30	18	12	60	CFA1	35	25		60	CFA1	GMN + GMW	GM S	
3	31	19	12	62	CFA2	32	21	9	62	CFA2	GMN + GMW (CNCHN051,053,0 54)	GM S	GMW - CNCHN052
	383	231	153	767		378	236	153	767				
						Cl		I At			Cluste		
	ALLO	CATION WITH	LONE MACMAE				ter wise al		-	-		r wise allocation ON WITH ONE MSM	-
	L1	L2	L3(MSME)	TOTAL SITES		L1	L2	L3	TOTAL SITES		L1	L2	L3
	48%	32%	20%	TOTAL SITES		LI	LZ	LS	TOTAL SITES		LI	LZ	LS
	48%	32%	20%		8		_				5004 0 0·		
1	310	206	129	645	СМ	311	190	144	645	СМ	FBR1,2,3; ANR 1,2,3,4,5; TVR 1,2,3	CPT-1,2,3	RKN-1,2,3,7
											GMN + GMW	GM S	
2	29	19	12	60	CFA1	30	25	5	60	CFA1	(CNCHN051,053,0 54)	CNCHN038,39,40, 41	GMS - CNCHN042
											GMN + GMW	CMAC L CMMM	
3	30	20	12	62	CFA2	32	30		62	CFA2	(CNCHN051,053,0 54)	GM S + GMW - CNCHN052	
	369	245	153	767		373	245	149	767				
						Clus	ter wise al	location			Cluste	r wise allocation	
	ALLOC	ATION WITH	TWO MSME				TION WITH		1E			ON WITH TWO MSN	IE
	L1	L2(MSME)	L3(MSME)	TOTAL SITES		L1	L2	L3	TOTAL SITES		L1	L2	L3
	40%	34%	26%										
1	258	219	168	645	СМ	311	190	144	645	СМ	FBR1,2,3; ANR 1,2,3,4,5;	CPT-1,2,3	RKN-1,2,3,7
1		1227			22.53						TVR 1,2,3	GM N + GMW -	GMS+GMW-
2	24	20	16	60	CFA1		26	34	60	CFA1		CNCHN053,054	CNCHN051,052
	25	21	16	62	CFA2		41	21	62	CFA2		GM N + GM W	GM S
	307	260	200	767		311	257	199	767		v/		
lote: above tak	ole applic	able when L	2 & L3 rate ar	e within +15%of L1r	ate								
	-												
											Clusto	r wise allocation	
	ALLOCAT	ION WITH N	IO/ TWO MSN	45		Actual ALLO	CATIONIA	ITH ONE N	ICD AE			ON WITH TWO MSN	ır
	ALLUCAT	ION WITH N	TWO MISIN	IE .	-	ACTUAL ALLC	JCATION W	L2	ISIVIE		ALLOCATIO	I WITH TWO WISIV	IE I
		L1	L2	TOTAL SITES			L1	(MSME)	TOTAL SITES		L1	L2	
		60%	40%	100%			60%	40%			80%	20%	
	2 2										DE FBR,ANR,TVR,	CPT-2,3, RKN-	
CM	1	387	258	645		СМ	387	258	645	CM	SDE-CPT1, RKN-1	2,3,7	
CFA1	2	36	24	60		CFA1	35	25	60	CFA1	GM N + GMW	GM S	
CFA2	3	37	25	62		CFA2	41	21	62	CFA2	GM N + GMW	GM S	
		460	307	767			463	304	767				
	1										12		l .
											Cluste	r wise allocation	
	ALLO	CATION WITH	ONE MSME			Actual ALLO	OCATION W		ISME		ALLOCATIO	ON WITH TWO MSM	IE .
		L1	L2 (MSME)	TOTAL SITES			L1	L2 (MSME)	TOTAL SITES		L1	L2	
	le la	80%	20%	·		·	80%	20%			80%	20%	
СМ		516	129	645		СМ	519	126	645	СМ	DE FBR,ANR,TVR,CPT1	RKN-2,3,7	
CFA1		48	12	60		CFA1	48	12	60	CFA1	, RKN-1 GM N + GMW + GM S _CNCHN040	GM S_CNCHN038, 039,041,042	
CFA2		50	12	62		CFA2	47	15	62	CFA2	GM N + GMW + GM S _CNCHN041	GM S_CNCHN038,	
		614	153	767			614	153	767				1
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• Above allotment is tentative only and is subject to change as per the prevailing condition while Awarding of Tender

END OF THE E-TENDER DOCUMENT

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