

Ref. Enquiry No.: PE/PG/UDN/E-6670/2021, Dated 23.06.2021

DUE DATE
03 Jul 2021
BY 02:00 PM

Dear Sir/ Ma'am

Subject: Open tender Enquiry for "PA SYSTEM" for 2x660 MW Udangudi STPP Stage-I as per Technical Specification No. PE-TS-435-557-E001

BHEL invites your offers for design, manufacture, assembly, testing and inspection at vendor's/sub-vendor's works, packing, despatch to site, system engineering and erection & commissioning of central exchange type **Public Address System** as described in the various sections of the specification for **2x660 MW Udangudi STPP Stage-I**.

Your offer shall be submitted in two parts strictly as per Clause-2.0 of the "Instructions to Bidders" of GCC Rev. 07, in sealed cover for the below mentioned equipment/system.

Item Description – PA SYSTEM			
Sl. No.	Project	TECHNICAL SPECIFICATIONS	Delivery completion schedule
1	2x660 MW Udangudi STPP Stage-I.	PE-TS-435-557-E001	As per annexure –A to NIT

Your best quotation/offer for the above requirement, in line with tender terms and conditions, should be submitted **online via e-procurement system (NIC portal)**. It shall be the responsibility of the bidder to ensure that the tender is submitted **on or before the due date by 02:00 PM**. Part-I (techno-commercial) bids shall be opened **at 05:00 PM on due date**.

Note: 1. Detailed tender documents have been uploaded on following websites: -

<https://eprocurebhel.co.in>, <https://www.bhel.com/tenders>; <https://pem.bhel.com/Home.aspx>

Bidders are requested to upload their best offer on <https://eprocurebhel.co.in> only.

2. In case bidders are not interested to quote, please send us the regret by e-mail or letter.

ENQUIRY TERMS AND CONDITIONS:

- Offers should be submitted/uploaded separately in two parts **online through e-procurement system** as follows:

Part-I: TECHNO-COMMERCIAL BID

Part-II: PRICE BID

For detailed instructions, please refer GCC Rev 07- Instructions to Bidders.

- Bidders shall submit their offers meeting the requirements of the following tender documents indicated in BHEL PEM GCC Rev- 07 and other Terms and Conditions included in this Enquiry Letter. Web link of GCC Rev 07 shall be as below, **bidders may download the GCC Rev 07 from the given web link and go through the same before quoting: -**

<https://pem.bhel.com/Documents/GCC/GCCRev07.pdf>

- Bidders to note that following form the part of tender documents:
 - General Conditions of Contract (GCC) Rev 07 comprising of: Instructions to Bidders and General Commercial Terms & Conditions
 - Technical Specifications
 - Technical PQR
 - Financial PQR
 - Special Conditions of Contract (SCC Rev. 01) of Project.
 - Enquiry terms & conditions (NIT) with Annexure-A
- Any hidden conditions/deviations mentioned elsewhere in offer and standard pre-printed terms & conditions of the tenderers shall not be considered valid.
- Tenders shall be submitted strictly in accordance with the requirements of the above-mentioned tender documents. Deviations (Technical as well as Commercial), if any, shall be listed out separately in Annexure-II of GCC Rev-07 along with reasons for taking such deviations in the bidding format in E-Procurement portal (NIC portal). Any deviations

Ref. Enquiry No.: PE/PG/UDN/E-6670/2021, Dated 23.06.2021

(Technical as well as Commercial) not mentioned in the Annexure-II shall not be considered. Bidders to note all the points mentioned in "Notes" of Annexure-II of GCC Rev.07.

6. Bidder has to submit "NO DEVIATION CERTIFICATE FOR COMMERCIAL TERMS AND CONDITIONS as per General Conditions of Contracts (GCC, Rev.07), Special Conditions of Contract and Notice Inviting Tender (NIT)" **in case of no deviations.**
7. Unsolicited fresh/revised bids shall not be entertained.
8. If any bidder has mentioned the term "Not Applicable" / "not required" / "not quoted" in BHEL price format, the same to be substantiated by the bidder. If such item is required to be supplied for system completion in future, same will be supplied free of cost by the successful bidder.
9. Purchaser shall be under no obligation to accept the lowest or any other tender and shall be entitled to accept or reject any/all tender(s) in part or full without assigning any reason whatsoever.
10. Tenderers must enclose the Quality Plan in the prescribed format, for approval. Equipment will be dispatched only after Purchaser's/Owner's inspection of the hold points specified in the approved Quality Plan and issue of Material Dispatch Clearance Certificate (MDCC).
11. Offers should be submitted separately in two parts online through e-procurement system only (NIC portal), however, all correspondence thereof, shall be addressed to the following persons and sent at the following address:

Mr. Netrapal Singh Dy. MGR, PG-I E-mail: netrapalsingh@bhel.in Ph. +91-120-4368900; Mob: 9990302207	Mr. Ajay Kumar Dy. Engineer, PG-I E-Mail: ajaykaushik@bhel.in Ph. No. +91-120- 4368879; Mob: 9899891358
M/s. Bharat Heavy Electricals Ltd., Project Engineering Management, PPEI Building, Plot No 25, Sector-16A, Noida-201301, U.P., INDIA	

12. Evaluation shall be done on Total Cost to BHEL basis (excluding GST) as per Cl. No. 19.2 of Instruction to Bidders of GCC, Rev. 07.
13. **Evaluation Conditions: (Reverse Auction)** -BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on www.bhel.com) for this tender. RA shall be conducted among the techno-commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.
"Vendors to note that above RA clause will supersede clause no 13 of "Instruction to Bidders" of GCC Rev 07".
14. **Govt. of India's Public Procurement Policy – Preference to Make in India Clause: -**
For subject tender only Class I local suppliers are eligible to bid (in line with clause no. 3 (a) of MII circular no P-45021/2/2017-PP (BE-II) Dtd-16-09-2020, as there is sufficient Local Capacity & Local Competition. In case of subsequent orders issued by nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT".
The local supplier at the time of tender, bidding, solicitation, shall be required to provide self-certification that as per the offered item, they meet the requirements of Class I local supplier as per the provisions of PPP-MII Order of Govt. of India and relevant circulars issued by nodal ministry w.r.t. above mentioned orders and shall give details of location(s) at which the local value addition is made in annexure B.
Subject package is not divisible in nature.
15. For this procurement, Public Procurement (Preference to Make in India), Order 2017 dt. 15/06/2017, 28/05/2018, 29/05/2019 & 04/06/2020 and subsequent Orders issued by the respective Nodal Ministry shall be applicable even if issued after issue of this NIT but before finalization of contract / PO / WO against this NIT. In the event of any Nodal

Ref. Enquiry No.: PE/PG/UDN/E-6670/2021, Dated 23.06.2021

Ministry prescribing higher or lower percentage of purchase preference and / or local content in respect of this procurement, same shall be applicable.

16. Bidder to note that this is a conditional Open Tender enquiry subject to following condition: -
 - A) Meeting of Technical & Financial PQR
 - B) Techno-commercial qualification/recommendation of bidder by the BHEL-PEM.
 - C) Approval of vendor from end Customer (TANGEDCO) shall be taken up by BHEL-PEM with customer. Bidders who are not approved from end customer should furnish the credentials (brief company profile, latest PO list, 3-4 latest similar POs with performance certificates) along with their bid.
17. Bidders to ensure that Third party/Customer issued certificates being submitted as proof of PQR qualification should have verifiable details of document/certificate issuing authority such as name & designation of Issuing Authority and its organization contact number and E-mail Id etc. In case the same is found not available, BHEL has the right to reject such document from evaluation.
18. Compliance of model clauses as provided in Annexure-III of Ministry of Finance Order (Public Procurement No. issued on 23.07.2020 (Restrictions under Rule 144 (xi) of the GFR,2017) shall be applicable for subject tender. Model Certificates provided in same Annexure-III shall also be complied. Further, relevant clause of order no. 25-11/6/2018-PG dated 02.07.20 issued by MoP shall also be complied. An undertaking regarding Model Clauses (as applicable from Annexure-III) shall be furnished by bidders along with bid documents.
19. CIF is not available for this package.
20. PVC is not applicable.
21. The Evaluation Currency for this tender shall be INR.
22. Overall (%) variation in contract values (due to changes in the scope) shall be limited to +/-20. This will prevail over the quantity variation Cl. No. 6.0 of GCC, Rev. 07.
23. For bidders (who are not registered with BHEL-PEM) -Online Registration Portal is operational in BHEL. Registration in BHEL-PEM is not mandatory for this tender. However, Non-registered Vendors, who wish to apply for registration with BHEL-PEM, can apply through Online Registration Portal available at www.bhelpem.com → vendor section → Online Supplier Registration. All credentials and/or documents duly signed and stamped related to registration may be uploaded on the website and submit the application for registration.
24. All corrigenda, addenda, amendments, time extensions, clarifications etc. to the tender will be hosted on BHEL websites only (www.pem.bhel.com, www.bhel.com & <https://eprocurebhel.co.in>) under subject tender reference. Bidders are requested to visit our websites from time to time to keep themselves updated. Bidders may go through the Sellers' manual & Help documents provided on E-Procurement Portal website & obtain required Digital Signature Certificate for participating in the subject Tender. For Bidders' convenience, the Helpdesk Nos. of E-Procurement (NIC) Portal is available at website i.e. <https://eprocurebhel.co.in>.
25. If any bidder uploads price bid in the unpriced section (techno-commercial attachment page) of the tender in e-Procurement (NIC portal), in that case bidder(s) shall only be responsible for such mistake and any consequences thereof. Hence all bidders are requested to be more careful at the time of uploading the Unpriced and Price Bid for Part-I and Part-II respectively to avoid mismatch.
26. Bidders to note that "This item /package/system falls under the list of items defined in para 3 of ministry of finance guideline dated 20.09.16 (procurement of items related to public safety, health, critical security operations and Equipments etc.) & hence criteria of prior experience /turnover shall be same for all bidders including start-up /MSME".
27. Due to COVID-19 pandemic condition prevailing in the country, BHEL/PEM may go for Remote Inspection of Offered items, if required. Vendors are requested to be equipped with the facilities/gadgets as indicated in the guidelines available at <https://pem.bhel.com/Documents/VendorSection/Vendor/Guidelines.pdf> to take up the inspection REMOTELY.
28. The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether

Ref. Enquiry No.: PE/PG/UDN/E-6670/2021, Dated 23.06.2021

formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.

29. In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders. In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss / draw of lots, in the presence of the respective L-1 bidder(s) or their representative(s). Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.
30. **Performance Bank Guarantee:** Performance Security amount shall be @5% of the contract value (excluding taxes duties & freight) as per GCC Rev 07.
- "Bidder agrees to submit performance security required for execution of the contract within the time period mentioned. In case of delay in submission of performance security, enhanced performance security which would include interest (SBI rate + 6%) for the delayed period, shall be submitted by the bidder. Further, if performance security is not submitted till such time the first bill becomes due, the amount of performance security due shall be recovered as per terms defined in NIT / contract, from the bills along with due interest "*
31. All other terms and conditions of SCC (Rev 01) of project, NIT & GCC (Rev 07) shall be applicable for the subject package.
32. Bidders who are participating in this tender please note that GeM seller ID is mandatory before placement of order.
33. Detailed offers are to be uploaded including the following along with the Price schedule as per BHEL format enclosed with NIT: -
- Acceptance of BHEL-PEM GCC (Rev.-07)
 - Acceptance of Special Conditions of Contract (SCC Rev. 01) for the project.
 - Technical & Commercial Deviations, if any along with Cost of withdrawal in Annexure-II of GCC Rev 07.
 - Technical Pre-Qualifying Requirement (PQR) and Financial Pre-Qualifying Requirement (PQR)
 - Along with your offer, please submit a copy of this letter duly signed & stamped on each page as token of acceptance of terms & instructions conveyed.
 - Un-Priced price format duly filled in 'Quoted' or 'Q' in each column/row.
 - Filled Format of Certification reg. Local content (annexure –B).

All the above Tender Documents shall automatically become a part of the Order/Contract after its finalisation.

Thanking You

❖ **Please note all correspondence from BHEL-PEM before part – I opening, shall also be part of NIT.**

Yours faithfully,

For and on behalf of BHEL-PEM

Netrapal Singh

(DY. MANAGER/PG-I/BHEL-PEM)

Enclosures:

1. Technical Specification No. **PE-TS-435-557-E001**
2. Technical PQR
3. Financial PQR
4. Delivery completion cum Drawings/documents submission Schedule (Annexure –A)
5. Unpriced format
6. Format of Certification reg. Local content (annexure –B)

Annexure-A to NIT : Delivery terms for PA System of 2x660 MW Udangudi STPP Stage-I project					
BHEL Drawing No	Drawing Title	Primary/ Secondary	Drg Sch for Vendors	Delivery Terms for Supply Portion	Schedule for rendering the services
PE-V0-XXX-557-E009	GA OF FLUSH MOUNTED STATION	Primary	R-0 within 14 days from PO & subsequent revisions within 10 days of comments received from BHEL. BHEL shall furnish comments / approval on each submission within 18 days from receipt.	Within Five (05) months from date of CAT-1 approval of Primary drawing/documents OR BHEL clearance whichever is later.	E&C by supplier - 5 months from release of fronts by BHEL site.
PE-V0-XXX-557-E018	GA OF CONE TYPE SPEAKER (FLAME PROOF)	Primary			
PE-V0-XXX-557-E024	TECHNICAL DATA SHEET OF FIBRE OPTICAL CABLE	Primary			
PE-V0-XXX-557-E001	PA SYSTEM - TDS	Primary			
PE-V0-XXX-557-E020	GA OF SOCKET FOR PORTABLE HAND SET	Primary			
PE-V0-XXX-557-E011	GA OF EXTENSION AMPLIFIER	Primary			
PE-V0-XXX-557-E013	GA OF PORTABLE HAND SET	Primary			
PE-V0-XXX-557-E017	GA OF HORN TYPE SPEAKER (FLAME PROOF)	Primary			
PE-V0-XXX-557-E005	GA OF MAIN DISTRIBUTION FRAME (MDF) / MAIN JUNCTION BOX(MJB)	Primary			
PE-V0-XXX-557-E021	GA OF ETHERNET SWITCH	Primary			
PE-V0-XXX-557-E026	BLOCK DIAGRAM FOR PA SYSTEM	Secondary			
PE-V0-XXX-557-E014	GA OF HORN TYPE SPEAKER	Primary			
PE-V0-XXX-557-E028	CABLE INTERCONNECTION FOR PA SYSTEM	Secondary			
PE-V0-XXX-557-E007	GA OF MISCELLANEOUS ITEMS FOR PA SYSTEM	Primary			
PE-V0-XXX-557-E010	GA OF ACCOUSTIC HOOD / BOOTH	Primary			
PE-V0-XXX-557-E004	GA OF FIELD STATION	Primary			
PE-V0-XXX-557-E901	QUALITY PLAN FOR PA SYSTEM	Primary			
PE-V0-XXX-557-E008	GA OF CENTRAL EXCHANGE FOR CHP AREA	Primary			
PE-V0-XXX-557-E016	GA OF POWER JUNCTION BOX	Primary			
PE-V0-XXX-557-E003	GA OF DESKTOP/ MASTER CONTROL STATION	Primary			
PE-V0-XXX-557-E029	TYPE TEST PROCEDURE FOR PA SYSTEM	Primary			
PE-V0-XXX-557-E002	GA OF CENTRAL EXCHANGE	Primary			
PE-V0-XXX-557-E012	GA OF CANOPY	Primary			
PE-V0-XXX-557-E006	GA OF SUB DISTRIBUTION FRAME (SDF) / SIGNAL LINE BOOSTER (SLB)	Primary			
PE-V0-XXX-557-E019	GA OF POWER JUNCTION BOX (FLAME PROOF)	Primary			
PE-V0-XXX-557-E015	GA OF CONE TYPE SPEAKER	Primary			
PE-V0-XXX-557-E023	TECHNICAL DATA SHEET OF ETHERNET SWITCH	Primary			
PE-V0-XXX-557-E030	TYPE TEST REPORT FOR PA SYSTEM	Secondary			
PE-V0-XXX-557-E027	CABLE SCHEDULE FOR PA SYSTEM	Secondary	within 1 month after approval of Block Diag.		
PE-V0-XXX-557-E025	O & M MANUAL FOR PA SYSTEM	Secondary	within 30 days of issuance of MDCC		

Notes:

- The end period specified is for completion of the deliveries. Deliveries to start progressively so as to meet the completion schedule.
- The delivery conditions specified are for contractual LD purposes, however BHEL may ask for early deliveries without any compensation thereof.
- Non-applicable drawings shall be decided during bid evaluation.
- Wherever schedule of drawings/documents submission / re-submission is stipulated in the Technical Specifications, same shall be superseded by delivery specified in NIT

Unprice Format

Package and Project: PA System of 2x660 MW Udangudi STPP Stage-I Project as per Technical Specification.

Enquiry No: PE/PG/UDN/E-6670/2021 dated 23.06.2021

Bidder Name:

BOQ Notes for supply:

1. The unit rates of supply for all equipment quoted by the bidder shall be firm for a variation of quantities as per NIT.
2. Design and engineering charges shall form part of main equipment.
3. Main equipment Items, which are not applicable for their system, bidder to mention in "Remarks" column and same shall appear in the unpriced copy of the bid also.
4. Any additional item/equipment if required (as per system quoted by the bidder), bidder shall quote it separately with their unit rate & quantities for item at S. no. 25 above.
5. * Bidder shall quote either SCHEME I or SCHEME II of Section D. Whichever is not applicable Bidder shall write N/A in front of that item.
6. Bidder to furnish list of E&C spares, special tools & tackles alongwith the offer.

BOQ Notes for E&C:

1. The unit rates of E&C for all equipment quoted by the bidder shall be firm for a variation of quantities as per NIT.
2. Fabrication & painting of support structure for various equipment shall be in bidder's scope. However, structural steel will be free issue from BHEL.
3. Instruments required for testing & commissioning shall be arranged by the bidder.
4. Cables laying is not in the scope of the bidder (except the local cable from JB to station). However, termination of cables on bidder's equipment is in bidder's scope
5. * Bidder shall quote either SCHEME I or SCHEME II of Section D. Whichever is not applicable Bidder shall write N/A in front of that item.

Sl. No.	Item Description	Item Code	Quantity	Units	HSN Code	Unit Ex-works price (duly packed) (Rs.)	Total Ex-works price (duly packed) (Rs.)	Rate of Freight (in % of total ex-works)	Freight Charges	GST Rate (in % of total ex-works + freight)	GST Amount in Rs.	Make	Model	Remarks	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
1	Supply of PA System																
1.01	Central exchange with integrated MDF/MJB* for unit & common area Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 155 stations and equipped for 130 stations	557-11007-A	1	No.	85176290												
1.02	Central exchange with integrated MDF/MJB* for CHP area Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 50 stations and equipped for 35 stations.	557-11005-A	1	No.	85176290												
1.03	Master Control Station (MCS) Built-in mic & speaker, handset	557-11025-A	7	Nos.	85171810												
1.04	Desktop Station Built-in mic & speaker, handset	557-11011-A	7	Nos.	85171810												
1.05	Extension amplifier for MCS and desktop station	557-11014-A	14	Nos.	85184000												
1.06	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For indoor area with DOP IP-52	557-11051-A	77	Nos.	85171890												
1.07	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For outdoor main plant area with DOP IP-55	557-11052-A	52	Nos.	85171890												
1.08	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For outdoor CHP area with DOP IP-65	557- 11052-A	30	Nos.	85171890												
1.09	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) in pilfer proof enclosure	557-11027-A	1	Nos.	85171890												
1.1	Flame proof handset station	557-11016-A	6	Nos.	85171890												
1.11	Flame proof horn type speaker	557-11043-A	6	Nos.	85182100												
1.12	Flame proof Junction Box	557-11017-A	6	Nos.	85369030												
1.13	Weather protecting canopy for FCS	557-11042-A	82	Nos.	7019												
1.14	Sub-distribution frame (SDF) 24 pairs *	557-11035-A	45	Nos.	85371000												
1.15	Portable handset station with multi-pin plug	557-11028-A	2	Nos.	85171810												
1.16	Socket box for Portable handset station	557-11032-A	8	Nos.	85366990												
1.17	Wall/ column mounted 4W Cone type loudspeaker	557-11008-A	91	Nos.	85182100												
1.18	Wall/ column mounted 15W Horn type loudspeaker For main plant area with DOP IP-55	557-11019-A	52	Nos.	85182100												
1.19	Wall/ column mounted 15W Horn type loudspeaker For CHP area with DOP IP-65	557-11019-A	30	Nos.	85182100												
1.2	Power junction box	557-11030-A	166	Nos.	85369030												
1.21	Signal junction box	557-11031-A	14	Nos.	85369030												
1.22	Acoustic hood	557-11002-A	32	Nos.	8517												
1.23	Power distribution box	557-11029-A	2	Nos.	85371000												
1.24	Signal Line Booster*	557-11046-A	10	Nos.	85184000												
1.25	E&C spares	557-11013-A	1	Set	8541												
1.26	Special tools and tackles	557-11039-A	1	Set	8206												
1.27	Additional item which is not appearing in BHEL's unpriced price schedule format/BOQ but is required for the completeness of system (bidder to give detailed description of same alongwith prices or state nil)	557-11048-A	1	lot	8517												
2	E&C of PA System																

Sl. No.	Item Description	Item Code	Quantity	Units	HSN Code	Unit Ex-works price (duly packed) (Rs.)	Total Ex-works price (duly packed) (Rs.)	Rate of Freight (in % of total ex-works)	Freight Charges	GST Rate (in % of total ex-works + freight)	GST Amount in Rs.	Make	Model	Remarks	TOTAL AMOUNT Without Taxes	TOTAL AMOUNT With Taxes	TOTAL AMOUNT In Words
2.01	Central exchange with integrated MDF/MJB* for unit & common area Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 155 stations and equipped for 130 stations	557-11007-C	1	No.	9987			NA									
2.02	Central exchange with integrated MDF/MJB* for CHP area Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 50 stations and equipped for 35 stations.	557-11005-C	1	No.	9987			NA									
2.03	Master Control Station (MCS) Built-in mic & speaker, handset	557-11025-C	7	Nos.	9987			NA									
2.04	Desktop Station Built-in mic & speaker, handset	557-11011-C	7	Nos.	9987			NA									
2.05	Extension amplifier for MCS and desktop station	557-11014-C	14	Nos.	9987			NA									
2.06	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For indoor area with DOP IP-52	557-11051-C	77	Nos.	9987			NA									
2.07	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For outdoor main plant area with DOP IP-55	557-11052-C	52	Nos.	9987			NA									
2.08	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) For outdoor CHP area with DOP IP-65	557-11052-C	30	Nos.	9987			NA									
2.09	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) in pilfer proof enclosure	557-11027-C	1	Nos.	9987			NA									
2.1	Flame proof handset station alongwith flameproof speaker and JB	557-11016-C	6	Nos.	9987			NA									
2.11	Flame proof horn type speaker	557-11043-C	6	Nos.	9987			NA									
2.12	Flame proof Junction Box	557-11017-C	6	Nos.	9987			NA									
2.13	Weather protecting canopy for FCS	557-11042-C	82	Nos.	9987			NA									
2.14	Sub-distribution frame (SDF) 24 pairs *	557-11035-C	45	Nos.	9987			NA									
2.15	Socket box for Portable handset station	557-11032-C	8	Nos.	9987			NA									
2.16	Wall/ column mounted 4W Cone type loudspeaker	557-11008-C	91	Nos.	9987			NA									
2.17	Wall/ column mounted 15W Horn type loudspeaker For main plant area with DOP IP-55	557-11019-C	52	Nos.	9987			NA									
2.18	Wall/ column mounted 15W Horn type loudspeaker For CHP area with DOP IP-65	557-11019-C	30	Nos.	9987			NA									
2.19	Power junction box	557-11030-C	166	Nos.	9987			NA									
2.2	Signal junction box	557-11031-C	14	Nos.	9987			NA									
2.21	Acoustic hood	557-11002-C	32	Nos.	9987			NA									
2.22	Power distribution box	557-11029-C	2	Nos.	9987			NA									
2.23	Signal Line Booster*	557-11046-C	10	Nos.	9987			NA									
2.24	E & C of additional item which is not appearing in BHEL's unpriced price schedule format/BOQ but is required for the completeness of system (bidder to give detailed description of same alongwith prices or state nil)	557-11048-C	1	lot	9987			NA									
Total in Figures								NA									
Quoted Rate in Words																	