

**2x500 MW SAGARDHIGI TPP PH-II (UNIT-3&4)  
BOQ CUM PRICE SCHEDULE FOR PA SYSTEM**

**ANNEXURE-I**

			For Indian Bidders						For Foreign Bidders					
Sl. No.	Item Code	Item Name	UOM	Quantity	REMARKS	Unit Ex-Works Price (Rs)	Total Ex-Works Price (Rs)	Excise Duty@12.36% (As applicable) (Rs.)	CST / VAT@..... (Rs)	Freight Charges@..... (Including Service Tax) (To be quote as % of Total Ex-Works) (Rs)	Total FOR Site Price (Rs)	Unit FOB Price (Currency)	Total FOB Price (Currency)	
(A)	MAIN ITEMS													
(i)	557-1002-A	ACOUSTIC HOOD: FLOOR MOUNTED	NOS	20				Nil against PAC						
(ii)	557-1007-A	CENTRAL EXCH (MAIN) WITH INTEGRATED MDF	NOS	1	Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology equipped for 88 stations.									
(iii)	557-1009-A	CONE TYPE SPEAKER - 6W	NOS	25										
(iv)	557-1011-A	DESKTOP STATION (DTS)	NOS	10	Built in mic LCD display, handset, 4 LEC indicators & 18 nos key board switches									
(v)	557-1014-A	EXTENSION AMPLIFIER FOR MCS, FMS & DTS	NOS	16										
(vi)	557-1015-A	FIELD CALL STATION (FCS)	NOS	21										
(vii)	557-1027-A	PILFERPROOF HANDSET STATION	NOS	36										
(viii)	557-1019-A	HORN TYPE SPEAKER - 15W	NOS	128										
(ix)	557-1025-A	MASTER CONTROL STATION (MCS)	NOS	6	Built in mic LCD display, handset, 4 LEC indicators & 18 nos key board switches									
(x)	557-1029-A	POWER DISTRIBUTION BOX	NOS	1										
(xi)	557-1030-A	POWER JUNCTION BOX	NOS	140										
(xii)	557-1031-A	SIGNAL JUNCTION BOX	NOS	9										
(xiii)	557-1044-A	SUB-DISTRIBUTION FRAME (SDF) 20 PAIRS	NOS	7										
(xiv)	557-1042-A	WEATHER PROTECTING CANOPY FOR FCS	NOS	8										
(xv)	557-1016-A	FLAMEPROOF HANDSET STATION	NOS	2										
(xvi)	557-1043-A	FLAMEPROOF HORN TYPE SPEAKER	NOS	4										
(xvii)	557-1017-A	FLAMEPROOF JUNCTION BOX	NOS	4										
(xviii)	557-1039-A	SPECIAL TOOLS & TACKLES (Bidder to furnish detailed list)	SET	1										
(xix)	557-1013-A	E&C Spare (Bidder to furnish detailed list)	SET	1										

*27-12-2013*

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Sl. No.	Item Code	Item Name	UOM	Quantity	REMARKS	Unit Ex-Works Price (Rs)	Total Ex-Works Price (Rs)	Excise Duty@12.36% (As applicable) (Rs.)	CST / VAT@..... (Rs)	Freight Charges@..... (To be quote as % of Total Ex-Works) (Rs)	Total FOR Site Price (Rs)	Unit FOB Price (Currency)	Total FOB Price (Currency)	
(xx)	557-11026-A	O&M Spare (Recommended Spare) (Bidder to furnish detail list)	SET	1				Nil against PAC						
(xxi)	557-11047-A	Multistrand Fibre Optic Cable	Mtr.	8000										
(xii)	----	Additional item, required for completeness of system	LOT	1										
Total For Supply														
Total For E&C (As per Annexure-II)														

**Notes:**

- The unit rates of supply for all equipments quoted by the bidder shall be firm for a variation of quantities limited to:
  - ±20% of total order value till finalization of engineering details & BOQ.
  - ±10% of the total order value in addition to (a) above, till the completion of the job.
- 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.
- Design & Engineering charges shall form part of main equipment.
- Type tests shall be carried out free of cost wherever required as per the specification.
- Bidder must indicate the make and model number for each item.
- The unit rates of installation (E & C) for all equipments quoted by the bidder shall be firm for a variation of quantities limited to ±30% of total order value till the completion of job at site.
- Supply fabrication & painting of support structure for PA system equipment shall be in bidder's scope.
- Termination & laying of cable shall not be in bidder's scope except for local cable from junction box to station & all Fibre optic cables. However termination of cable on bidders equipment shall be on bidder's scope.
- Instruments required for testing & commissioning shall be arranged by the bidder & shall be taken back after completion of E&C.
- Supply & installation of external equipment earthing shall be in BH&L scope.
- Bidder to furnish list of following items along with unit price of each item with their bid
  - E&C Spare
  - O&M Spare (Recommended Spare)
  - Special Tools & Tackles

Please inform CIF content as per details below

Sl No.	Description of Equipment / Item	Unit	Qty	Currency	Unit Rate in Foreign Currency	Total CIF Contents

*07-May-18*

**2x500 MW SAGARDHIGI TPP PH-II (UNIT-3&4)  
BOQ CUM PRICE SCHEDULE FOR PA SYSTEM**

**ANNEXURE-II**

Sl. No.	Item Code	Item Name	UOM	Quantity	REMARKS	Unit E&C Price (Rs)	Total E&C Price (Rs)	Service Tax @ 12.36% (Rs)	Total E&C Price with service tax (Rs)
(B)	E & C								
(i)	557-11002-C	ACOUSTIC HOOD: FLOOR MOUNTED	NOS	20					
(ii)	557-11007-C	CENTRAL EXCH (MAIN) WITH INTEGRATED MDF	NOS	1					
(iii)	557-11009-C	CONE TYPE SPEAKER - 6W	NOS	25					
(iv)	557-11011-C	DESKTOP STATION (DTS)	NOS	10					
(v)	557-11014-C	EXTENSION AMPLIFIER FOR MCS, FMS & DTS	NOS	16					
(vi)	557-11015-C	FIELD CALL STATION (FCS)	NOS	21					
(vii)	557-11027-C	PILFERPROOF HANDSET STATION	NOS	36					
(viii)	557-11019-C	HORN TYPE SPEAKER - 15W	NOS	128					
(ix)	557-11025-C	MASTER CONTROL STATION (MCS)	NOS	6					
(x)	557-11029-C	POWER DISTRIBUTION BOX	NOS	1					
(xi)	557-11030-C	POWER JUNCTION BOX	NOS	140					
(xii)	557-11031-C	SIGNAL JUNCTION BOX	NOS	9					
(xiii)	557-11044-C	SUB-DISTRIBUTION FRAME (SDF) 20 PAIRS	NOS	7					
(xiv)	557-11042-C	WEATHER PROTECTING CANOPY FOR FCS	NOS	8					
(xv)	557-11016-C	FLAMEPROOF-HANDSET STATION	NOS	2					
(xvi)	557-11043-C	FLAMEPROOF HORN TYPE SPEAKER	NOS	4					
(xvii)	557-11017-C	FLAMEPROOF JUNCTION BOX	NOS	4					
(xviii)	557-11047-C	Multistrand Fibre Optic Cable	Mtr.	8000					
(xix)	---	Additional item, required for completeness of system	LOT	1					
<b>Total For E&amp;C</b>									

**Notes:**

- The unit rates of supply for all equipments quoted by the bidder shall be firm for a variation of quantities limited to:
  - ±20% of total order value till finalization of engineering details & BOQ.
  - ±10% of the total order value in addition to (a) above, till the completion of the job.
- 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.
- Design & Engineering charges shall form part of main equipment.
- Type tests shall be carried out free of cost wherever required as per the specification.
- Bidder must indicate the make and model number for each item.
- The unit rates of installation (E & C) for all equipments quoted by the bidder shall be firm for a variation of quantities limited to ±30% of total order value till the completion of job at site.
- Supply fabrication & painting of support structure for PA system equipment shall be in bidder's scope.
- Termination & laying of cable shall not be in bidder's scope except for local cable from junction box to station & all Fibre optic cables. However termination of cable on bidders equipment shall be on bidder's scope.
- Instruments required for testing & commissioning shall be arranged by the bidder & shall be taken back after completion of E&C.
- Supply & installation of external equipment earthing shall be in BHEL scope.
- Bidder to furnish list of following items along with unit price of each item with their bid
  - E&C Spare
  - O&M Spare (Recommended Spare)
  - Special Tools & Tackles

*07-May-13*

**ANNEXURE- III**  
**2X500 MW SAGARDIGHI (UNIT-3&4)**

**TYPE TEST (OPTIONAL)**

For Indian Bidders					For Foreign Bidders								
Sr. No	Item Code	Item Description	Unit	Quantity	Unit Ex-Works Price (Rs)	Total Ex-Works Price (Rs)	Excise Duty@12.36 % (As applicable) (Rs.)	CST / VAT@..... (Rs)	Freight Charges@..... (Including Service Tax) (To be quote as % of Total Ex-Works) (Rs)	Total FOR Site Price (Rs)	Unit FOB Price (Currency)	Total FOB Price (Currency)	
(C)	557-11041-A	TYPE TEST(OPTIONAL)						Nil against PAC					
(i)		Surge Protection Test	NOS	1									
(ii)		Dry Heat Test as per IEC-68-2-2	NOS	1									
(iii)		Damp Heat Test	NOS	1									
(iv)		Vibration Test	NOS	1									
(v)		Electrostatic discharge test as per IEC-801-2 or equivalent	NOS	1									
(vi)		Radio frequency immunity Test as per IEC-801-6 or equivalent	NOS	1									
(vii)		Electromagnetic immunity test as per IEC-801-3 or equivalent	NOS	1									

*09-11-2010*  
*gpr*