

ANNEXURE-1

**1 X 800 MW NORTH CHENNAI TPP
BOQ CUM PRICE SCHEDULE OF PA SYSTEM (SUPPLY)**

A														
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	MAKE	MODEL NO.	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX-WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)
									@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) = [7X8A]		GST RATE IN % ON (TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	
1	Central exchange for unit and common area with integrated MDF/MDB* Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 128 stations and equipped for 109 stations and ability to interconnect 4 more zones for future expansion				No.	1								
2	Central exchange for CHP area with integrated MDF/MDB* Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 64 stations and equipped for 28 stations and ability to interconnect 4 more zones for future expansion				No.	1								
3	Master Control Station (MCS) Built-in mic & speaker, LCD display, handset, 4 LED indicators & 18 nos. key board switches				Nos.	5								
4	Desktop Station Built-in mic & speaker, LCD display, handset, 4 LED indicators & 18 nos. key board switches				Nos.	5								
5	Extension amplifier for MCS and desktop station				Nos.	10								
6	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS)				Nos.	131								
7	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) in pilfer proof enclosure				Nos.	3								
8	Portable handset station with multi-pin plug and 25 meter wire				Nos.	10								
9	Socket box for Portable handset station				Nos.	20								
10	Wall/ column mounted 4W Cone type loudspeaker				Nos.	74								
11	Wall/ column mounted 15W Horn type loudspeaker				Nos.	65								
12	Explosion proof handset station with horn type speaker (suitable for group-IIC)				No.	4								
13	Power junction box				Nos.	143								

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BOQ CUM PRICE SCHEDULE OF PA SYSTEM (SUPPLY)**

A													
			MAKE	MODEL NO.							TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)	TOTAL PRICE F.O.R Prices with taxes (INR) (11)
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM			UOM (4)	ORDERED QUANTITY	UNIT EX-WORKS PRICE (BUYER'S RISK)	TOTAL EX-WORKS PRICE (BUYER'S RISK)	FREIGHT CHARGES				
14	Signal junction box				Nos.	10							
15	Sub-distribution frame (SDF) 24 Pair*				Nos.	10							
16	Weather protecting canopy for field call station				Nos.	57							
17	Sound protecting Acoustic hood				Nos.	9							
18	Signal Line Booster*				Nos.	10							
19	Power distribution box				Nos.	2							
20	Special tools & tackles, if any				Lot	1							
21	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)				Lot	1							

NOTES:

1. Bidder must indicate the make & model number of each item else the <u>offer can not be evaluated</u> .
2. The unit rates of supply for all equipment quoted by the bidder shall be firm for a variation of quantities as per NIT, GCC.
3. Design and engineering charges shall form part of main equipment.
4. Charges for special tools & tackles required for the PA system shall form part of main equipment.
5. 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.
6. Any additional item/equipment required (as per system quoted by the bidder), bidder shall quote it separately with their unit rate and quanti, at S. No 21 above.
7. * Bidder shall quote either SCHEME I or SCHEME II as per Section-II clause 6.2 to 6.4. Whichever is not applicable Bidder shall write N/A in front of that item.
8.PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT .
9. Vendor to mention HSN Code in specific Column for each item of BOQ.
10. In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR Site price)
11. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services. Tax etc. shall refer to GST as implemented by GOI w.e.f. 1.07.2017.

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**1 X 800 MW NORTH CHENNAI TPP
BOQ CUM PRICE SCHEDULE OF PA SYSTEM (SUPPLY)**

A													
			MAKE	MODEL NO.						FREIGHT CHARGES	TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)	TOTAL PRICE F.O.R Prices with taxes (INR) (11)
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM			UOM (4)	ORDERED QUANTITY	UNIT EX-WORKS PRICE (BUYER'S RISK)	TOTAL EX- WORKS PRICE (BUYER'S RISK)					
12. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.													
13. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL.													
14. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.													

ANNEXURE-1

**1 X 800 MW NORTH CHENNAI TPP
BOQ CUM PRICE SCHEDULE OF PA SYSTEM (E&C)**

B												
SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)
							@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) =[7X8A]		GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	
1	Central exchange for unit and common area with integrated MDF/MDB*		No.	1								
	Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 128 stations and equipped for 106 stations and ability to interconnect 4 more zones for future expansion											
2	Central exchange for CHP area with integrated MDF/MDB*		No.	1								
	Microprocessor controlled, digital, programmable central control unit (CCU) with PCM/TDM technology suitable for 64 stations and equipped for 28 stations and ability to interconnect 4 more zones for future expansion											
3	Master Control Station (MCS)		Nos.	5								
	Built-in mic & speaker, LCD display, handset, 4 LED indicators & 18 nos. key board switches											
4	Desktop Station		Nos.	5								
	Built-in mic & speaker, LCD display, handset, 4 LED indicators & 18 nos. key board switches											
5	Extension amplifier for MCS and desktop station		Nos.	10								
6	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS)		Nos.	131								
7	Wall/column mounted, weatherproof field call station with handset and built-in power amplifier with 15W (RMS) in pilfer proof enclosure		Nos.	3								
8	Socket box for Portable handset station		Nos.	20								
9	Wall/ column mounted 4W Cone type loudspeaker		Nos.	74								
10	Wall/ column mounted 15W Horn type loudspeaker		Nos.	65								
11	Explosion proof handset station with horn type speaker (suitable for group-IIC)		No.	4								
12	Power junction box		Nos.	143								
13	Signal junction box		Nos.	10								
14	Sub-distribution frame (SDF) 24 Pair*		Nos.	10								
15	Weather protecting canopy for field call station		Nos.	57								
16	Sound protecting Acoustic hood		Nos.	9								

ANNEXURE-1

**1 X 800 MW NORTH CHENNAI TPP
BOQ CUM PRICE SCHEDULE OF PA SYSTEM (E&C)**

B												
		HSN CODE (TO BE FILLED)		QUANTITY ORDERED	UNIT EX-WORKS PRICE	TOTAL EX- WORKS	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)
17	Signal Line Booster*		Nos.	10								
18	Power distribution box		Nos.	2								
19	E & C of any 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)		Lot	1								

NOTES:

1. The unit rates of supply for all equipment quoted by the bidder shall be firm for a variation of quantities limited to:
a) ±20% of total order value till finalization of engineering details & BOQ.
b) +10% of the total order value in addition to (a) above, till the completion of job.
2. Fabrication & painting of support structure for various equipment shall be in bidders scope. However, structural steel will be free issue from BHEL.
3. E&C for 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 required (as per system quoted by the bidder), bidder shall quote it separately with their unit rate at S no 19 above.
5. * Bidder shall quote either SCHEME I or SCHEME II of Section D. Whichever is not applicable Bidder shall write N/A infront of that item
6. 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.
7. Instruments required for testing & commissioning shall be arranged by the bidder
8.PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT .
9. Vendor to mention HSN Code in specific Column for each item of BOQ.
10. In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR Site price)
11. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services. Tax etc. shall refer to GST as implemented by GOI w.e.f. 1.07.2017.
12. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.
13. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not attributable to BHEL, tax amount shall be recoverable from the vendor/contractor along with interest levied/leviable on BHEL.
14. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and duties shall be payable by Purchaser.

1 X 800 MW NORTH CHENNAI TPP
BOQ CUM PRICE SCHEDULE OF PA SYSTEM (MANDATORY SPARE)

SL NO (1)	ITEM DESCRIPTION AS PER TENDER BOQ (2)	HSN CODE (TO BE FILLED BY THE BIDDER) FOR EACH ITEM (3)	UOM (4)	ORDERED QUANTITY (5)	UNIT EX-WORKS PRICE (DULY PACKED) (INR) (6)	TOTAL EX- WORKS PRICE (DULY PACKED) (INR) (7)	FREIGHT CHARGES		TOTAL PRICES (ex works + freight) (INR) (9)	APPLICABLE GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) BOTH (INR) (10)		TOTAL PRICE F.O.R Prices with taxes (INR) (11)
							@ % OF TOTAL EX WORKS (8A)	AMOUNT IN (INR) (8B) = [7X8A]		GST RATE IN % ON(TOTAL EX WORKS + FREIGHT) (10A)	TOTAL AMOUNT IN (INR) (10B) [9X10A]	
1	Fuses of each rating		No.	18								
2	Switches of each type and rating		No.	3								
3	Socket box for Portable handset station		No.	1								
4	Plugs		No.	2								
5	Wall mounted handset station		No.	5								
6	Loudspeaker of each type		No.	2								
7	Transformers of each type and ratings		No.	6								
8	Microphone capsules		No.	10								
9	Switch P.C.B.		No.	5								
10	Diaphragm assembly		No.	15								
11	Page mute & siren switch for desktop unit		No.	2								
12	Driver unit for Wall mounted station		No.	10								
13	Amplifier PCB for Wall mounting station		No.	10								
14	14 microphone assembly for wall mounted pilfer proof station		No.	5								
15	Ear piece capsule		No.	10								
16	Electronic Cards		No.	1								
17	Junction boxes		No.	2								

Notes:

1.PRICES SHALL BE FIRM UNLESS OTHERWISE SPECIFICALLY INDICATED IN NIT .
2. Vendor to mention HSN Code in specific Column for each item of BOQ.
3. In case of discrepancy in GST rate corresponding to HSN code and quoted GST, the evaluation shall be done on quoted price and correct GST rate shall be considered for ordering (limited to quoted FOR
4. Unless the context requires otherwise, in all tenders and tender related documents any reference to taxes such as ED, CST/VAT, Services. Tax etc. shall refer to GST as implemented by GOI w.e.f.
5. CGST/SGST/UGST/IGST shall be paid at actuals against documentary evidence but restricted to the amount and percentage in the order/contract.
6. In case, any GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry to timeline prescribed in the relevant Act for availing such ITC, or any other reasons not
7. All taxes and duties other than CGST/SGST/UGST/IGST shall be deemed to be included in the Ex-Works prices unless specified otherwise by the bidder in the price bid. No variation in other taxes and
8. Items which are not applicable for the system, bidder to mention in "Remarks" column and same shall appear in the unpriced copy of the bid also.