

Main Price Schedule

NAME OF BIDDER :	
NAME OF PROJECT:	5X800 MW TSGENCO YADADRI TPP(STAGE 2)
NAME OF PACKAGE:	VENTILATION SYSTEM(Part 2)
TECHNICAL SPECIFICATION No.:	PE-TS-417-554-A002

S. No.	DESCRIPTION	UNIT	QTY	Supply			Service		Taxes			Total Price Including Freight & GST (INR)
				Total Ex-Works (excluding GST) (INR)	Freight in %	Total Freight	Unit Price (INR)	Total Price (INR)	GST type	GST rate in %	GST amount in Rs.	
1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Supply part, Services part and Mandatory spares comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants, and consumables required for pre-commissioning, commissioning , performance testing and till one year of operation after handing over, mandatory spares alongwith spares for erection, start-up and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation, storage & preservation at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil and structural work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site, training of customer/client O&M staff, operation and maintenance of the system till handing over and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order	Lot	1									₹ -
2	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.											
2.1	Ventilation for Complete Plant expect for Switchyard area											
2.1.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Supply part of main area comprising of design (i.e. preparation and submission of drawing /documents including "As Built" drawings and O&M manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, maintenance tools & tackles, fill of lubricants, and consumables required for pre-commissioning, commissioning , performance testing and till one year of operation after handing over, alongwith spares for erection as required, start-up and commissioning spares as required, forwarding, proper packing, shipment and delivery at site for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Price Break-up in Annexure-I)	Lot	1	₹ -		₹ -	NA					₹ -
2.1.2	Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies for Services part of main area comprising of service part for unloading, handling, transportation, storage & preservation at site, in-site transportation, assembly, erection & commissioning, final painting at site, minor civil work, trial run at site and carrying out Performance guarantee / Functional / Demonstration tests at site, training of customer/client O&M staff and handover in flawless condition of the package to the end customer complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Price Break-up in Annexure-I)	Lot	1		NA		₹ -	₹ -				₹ -
2.1.3	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantee as per tender technical specification above, amendment & agreements till placement of order. (Price break up of mandatory spares is to be furnished as per Annexure- II)	Lot	1	₹ -		₹ -	NA					₹ -
2.1.4	Total lumpsum firm for providing OPERATION AND MAINTENANCE SERVICE (24x7) including manpower, supervision, consumables etc. for operation & maintenance of Ventilation System after commissioning of system before final handing over to end customer in flawless condition for the scope defined as per technical specification.	months	6		NA		₹ -	₹ -				₹ -

Note:

1) Stage # 2 (Unit 3,4, & 5) billing break up for Supply, Erection and commissioning and mandatory spares shall be submitted by bidder based on finalised BOQ arrived during detail engineering.

2) Bidder to fill the price schedule in order as : Appendix-A---->Annexure-I----> Annexure-II---->Main Sheet

ANNEXURE - I

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS(STAGE 2)					
NAME OF PACKAGE:		VENTILATION SYSTEM -(Part 2)					
TECHNICAL SPECIFICATION No:		PE-TS-417-554-A002					
SL NO	DESCRIPTION	Unit	STAGE#2	SUPPLY		E&C	
				Unit Ex-Works Price (INR)	Total Ex-Works Price (INR)	Unit E&C Price (INR)	Total E&C Price (INR)
1*	Erection and Commissioning of complete Sheet metal containerized type air washer unit with centrifugal fan (DIDW) with motor, pumps with motors, air washer internals, inlet air louvers, filters, piping as per IS:1239, Part-I (heavy class galvanised), valves, nozzles, level switch, temp indicators, back wash arrangement, galvanised drain piping, etc. as per specification of capacity 2,80,000 CMH. Each air washer has 2 no centrifugal fan (2 x 50% duty) of capacity 1,40,000 CMH at min. 85 mm SP. For details, refer drawings attached at Section C and Section E of technical specification.	NO	12	NA	NA	₹	-
2*	Erection and Commissioning of complete Unitary air filtration unit with centrifugal fan (SISW) with motor, pumps with motors, inlet air louvres, filters, UAF internals, piping as per IS: 1239 pt. I (heavy class galvanised), valves for auto start of standby equipment, nozzles, level switch, pressure switches, Temp. indicators, back wash arrangement, galvanised drain piping etc. as per spec. (Fan capacity 100,000 CMH at min. 60 mmwc static pressure) . For details, refer drawings attached at Section C and Section E of technical specification.	NO	5	NA	NA	₹	-
3*	Supply air ducting (finished) for above area complete with dampers, grilles (with VCD & without VCD), supports (painted) and all accessories as specified.						
3.1*	Finished GSS (zinc coating 180 gms/sq.m) Ducting with support structure etc.						
a)*	18 G	SQM*	8500		₹ -	₹ -	-
b)*	20 G	SQM*	16500		₹ -	₹ -	-
3.2*	MS Duct With Epoxy paint for battery room.	SQM*	180		₹ -	₹ -	-
3.3*	MS Grilles with VCD	SQM*	300		₹ -	₹ -	-
3.4*	MS Grilles without VCD	SQM*	30		₹ -	₹ -	-
3.5*	Exposed duct insulation with fibre glass insulation as per specifications.	SQM*	7000		₹ -	₹ -	-
3.6*	Wall mounted dampers (gravity operated) for different areas.	SQM*	50		₹ -	₹ -	-
3.7*	Inlet Louvres	SQM*	300		₹ -	₹ -	-
3.8*	VOLUME CONTROL DAMPERS in GI construction as per specifications	SQM*	90		₹ -	₹ -	-
4*	FIRE DAMPER						
a)*	Fire damper	SQM*	33		₹ -	₹ -	-
b)*	Motorized Actuator with single phase power supply for the above Fire damper with auto resetting, limit switches, indication lamps etc.	Nos.*	65		₹ -	₹ -	-
c)*	Fusible Link type Fire Damper	SQM*	35		₹ -	₹ -	-
5	Total lumpsum price for special tools & tackles for maintenance inclusive of packing forwarding, transportation up to site, etc. (Bidder shall submit item-wise price break-up-As per Appendix A).	LOT	1	₹ -	₹ -	NA	NA
6	Electrical items like Branch Cable tray, conduits, junction box, cable lugs, cable glands and any other item etc. required for completion of Ventilation system. For details, refer Electrical Scope Matrix between BHEL and vendor attached at Section C and Section E of technical specification.	LOT	1		₹ -		₹ -
7	Erection and Commissioning of FIELD INSTRUMENTS like gauges, switches, transmitters for measurement of pressure , temperature, pressure, differential pressure, flow etc. and other instruments as required for completeness of Ventilation System. For details, refer drawings attached at Section C and Section E of technical specification.	LOT	1	NA	NA	₹	-
9*	Providing full support during FAT of PLC, preparation of control scheme, and commissioning of PLC as per relevant specification.	Man days *	5	NA	NA	₹	-
10	Any other item not indicated above, but required to make the system complete in all respects.	LOT	1		₹ -	₹	-
Total					₹ -		₹ -
NOTES							
1	The bidder shall furnish unit rates for variable item (marked *) for necessary adjustment (plus or minus) variation during detailed Engg. stage. The unit rates quoted above shall be considered for quantity adjustment. Unit rates shall be valid throughout the contract.						
2	Any other item not indicated above, but required to make the system complete in all respects, as per the technical specification, shall be supplied without any cost implication to BHEL.						
3	Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price.						
4	Stage # 2 (facilities for Unit 3,4, & 5 and common for Unit #3,4,& 5) BOQ has been given above, Bidder shall quote unit rate as well as total price for Supply and Erection & Commissioning in the given price format.						

APPENDIX-A

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS(Stage 2)		
NAME OF PACKAGE:		VENTILATION SYSTEM -(Part 2)		
TECHNICAL SPECIFICATION No:		PE-TS-417-554-A002		
SL NO	DESCRIPTION	UNIT	Stage # 2 Qty	Total Ex-Works Price (INR)
1	Measuring tape	NO	1	
2	Tachometer	NO	1	
3	Double ended spanner	SET	1	
4	Ring spanners	SET	1	
5	Gasket punch	NO.	1	
6	Center punch	NO.	1	
7	Hammer with wooden handles	NO.	1	
8	Scissors for sheet metal cutting	NO.	1	
9	Torch light (suitable for 2 cells)	NO.	1	
10	Multimeter	NO.	1	
11	Anemometer	NO.	1	
12	Compound pressure gauge	NO.	1	
13	Slide wrench 8"	NO.	1	
14	Slide wrench 10"	NO.	1	
15	Slide wrench 6"	NO.	1	
16	Box spanner set	SET	1	
17	Screw driver set	SET	1	
18	Align key set	SET	1	
19	MS tool box	NO	1	
Total				₹ -
NOTES				
1	ABOVE IS THE MINIMUM LIST. ANY OTHER TOOL / TACKEL REQUIRED FOR THE SYSTEM SHALL ALSO BE PROVIDED BY THE VENDOR WITHOUT ANY COST IMPLICATION.			

**ANNEXURE-II (COMPLETE PLANT EXCEPT FOR SWITCHYARD)
LIST OF MANDATORY SPARES**

NAME OF PROJECT:		5X800 MW TSGENCO YADADRI TPS(STAGE 2)		
NAME OF PACKAGE:		VENTILATION SYSTEM -(Part 2)		
TECHNICAL SPECIFICATION:		PE-TS-417-554-A002		
S. No.	DESCRIPTION EQUIPMENT / PACKAGE	UNIT	Qty	Total Ex-Works Price (INR)
1	Ventilation System (Mechanical)			
1.8.4*	Back Draft Dampers	Nos.*	6 no of each size	
3	Ventilation System (C&I)			
3.3	Junction Box			
3.3.1*	Junction box	Nos.*	60% of total quantity for each size but minimum 12 nos.	
3.7	Dampers			
3.7.1*	Actuator Diaphragm	Set*	6 set for each damper	
3.7.2*	O-Ring set	Nos.*	12 nos. of each size for positioner	
3.7.3*	Feedback Linkage	Nos.*	6 nos. for each type	
3.7.4*	Packing & gasket	Nos.*	6 nos. for each type	
3.9	Actuator			
3.9.1*	Complete set of Actuator	Nos.*	6 Nos. for each type and rating	
3.9.2*	Limit Switch	Nos.*	18 Nos each type and rating	
3.9.3*	Torque Switch	Nos.*	18 Nos each type and rating	
3.9.4*	Auxiliary Contact	Nos.*	6 Nos. for each type and rating	
3.9.5*	Motor	Nos.*	6 Nos. for each type and rating	
3.9.6*	Complete Seal kit	Set*	6 Set for each type and rating	
3.9.7*	Complete O-Ring Set	Set*	6 Sets	
3.9.8*	Electronic Card	Nos.*	Six(6) for each type/make	
3.9.9*	Feedback Assembly (4-20mA) for Inching type	Nos.*	Six(6) for each type/make	
TOTAL				₹ -
Notes:				
a)	Mandatory spares listed in Price Schedule are bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender specification apart from specified above, same shall be deemed to have been covered in bidder's			
b)	"One (1) Set" and "One (1) set of each type & rating" is defined as total numbers as required for one complete replacement for one equipment of similar size & capacity.			
c)	In case any spare indicated in the specification is "not applicable" for particular equipment, then suitable applicable alternate spare shall be supplied by the bidder without any financial implication."			
d)	For quantities indicated in percentage, fractions are to be rounded-off to next higher integer.			
e)	Bidder to write "Quoted / Not Applicable" against all items. Any item which is quoted as "not applicable" by the bidder in the above list and is found to be "applicable" at a later date shall be supplied by the bidder without any commercial and delivery implication.			
f)	Any cell left blank in the unpriced schedule shall be treated as "Quoted" and is included in total price.			
g)	Bidder to note that even though there may be some spares which are repetitive at various sl.no mentioned above, bidder to ensure that prices are quoted against each sl.no. In case any cell is left blank in the unpriced schedule shall be treated as "quoted" and included in total price.			
h)	The bidder shall furnish rates for variable item (marked *) for necessary adjustment (plus or minus) variation during detailed Engg. stage. The rates quoted above shall be proportionately considered for quantity adjustment. Rates shall be valid throughout the contract.			

PVC Annexure to NIT

PRICE ADJUSTMENT FOR SUPPLY AND MANDATORY SPARES

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of material in accordance with the provisions described below
- (ii) The price adjustment provisions shall be applicable separately for price components relating to Supply of Equipment as per price break-up furnished by the Contractor.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
 - (a) Ex-Works supply price of Plant and Equipment including commissioning spares, Mandatory spares.
- (iv) Price adjustment amounts towards aforesaid components of Contract Price shall be paid in the respective currencies of Contract (INR).
- (v) The indices for price adjustment shall be as elaborated hereunder.
- (vi) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above, shall be as stipulated hereinafter.
- (vii) **Ex-Works Price Component of Plant and Equipment including Mandatory Spares**

The amount of price adjustment towards variable portion payable/recoverable on each item shall be computed as under:

Indices to be used for each item shall be as per Economic advisor WPI data for finished goods published at www.eaindustry.nic.in for respective month.

Major list of Indices to be used for HVAC are specified in table A below

Wherever indices of items are not directly specified in WPI data, Indices for the same shall be suitably decided during execution of contract.

EC against each item shall be calculated as per following formula

$$EC = \frac{(P1 - P0) \times EC0}{P0}$$

Where

EC = Adjustment to Ex-Works supply Price Component expressed in the currency of The Contract (INR) payable/recoverable to the contractor for each shipment/despatch.

EC0 = Ex-Works supply Price for the plant and equipment in the currency of the Contract (INR), shipment/despatch wise.

P1 = Indices as on date of dispatch

P0 = Indices as on date of completion of delivery as per LOA.

Note:

- 1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor then also the negative price variation shall be passed on to BHEL.
- 2) Though the calculation shall be done for each Billing Break up (BBU) item at the time of dispatch as per formula mentioned above, Total/Net price variation of package shall be calculated and settled at the end of all required supplies of the package and shall be limited to (+) 10% of Total Ex-Works Supply Price including Mandatory spares.

TABLE A

Chillers
Cooling Towers
Steel pipes, tubes & poles
Cold Rolled (CR) Coils & Sheets, including Narrow Strip
Steel Container
Air Conditioner
Manufacture of plastics products
Centrifugal Pumps
Manufacture of Fabricated Metal Products, Except Machinery and Equipment
Manufacture of other fabricated metal products
Manufacture of lifting and handling equipment
Manufacture of electronic components
Manufacture of measuring, testing, navigating and control equipment
Salt
Manufacture of Water purifier
Manufacture of Electric heaters
Manufacture of steam generators, except central heating hot water boilers
Manufacture of Fan
Hand tools
Processed rubber
Air Coolers
Manufacture of AC motor
GC/GP sheets
Manufacture Of Electrical Equipment
Industrial Valves

PRICE ADJUSTMENT FOR SERVICE PART (E&C)

- (i) The Contract price shall be subject to price adjustment during performance of the Contract to reflect changes in the cost of labour in accordance with the provisions described below:
- (ii) The price adjustment provisions shall be applicable for price components relating to service part (E&C) as per price break-up furnished by the Contractor.
- (iii) Only following components of the Contract Price will be subject to Price adjustment:
 - (a) Service part (E&C) component of Contract Price.
- (vi) The indices for price adjustment shall be as elaborated hereunder.
- (v) The price adjustment formula for the components of the Contract Price, as mentioned at Sl.No. (iii) above shall be as stipulated hereinafter.

a) Indian Rupee Portion of the Installation Services

ER = ER1 – ER0

ER1 will be computed as follows:

$$\mathbf{ER1 = ER0 (0.15 + L_b \times (L_1 / L_0))}$$

Where:

ER = Adjustment to Erection & Commissioning price component of contract price expressed in Indian Rupees payable to the contractor for each billing.

ER1 = Adjusted amount of Erection & Commissioning price component of contract price expressed in Indian Rupees payable to the Contractor.

ER0 = Value of the Erection & Commissioning work done in the billing period, which shall be calculated as under:

For the purpose of computing ER0, each Erection & commissioning bill (service part) during the E & C period up to the 'Completion of the Facilities' shall be calculated as described in this document.

L_b – Coefficient of labour (for all categories) content in the Indian Rupee portion of the erection & commissioning =0.85

L=Indian field labour index namely, all India consumer price index for industrial workers (All India Monthly Average) as published labour bureau, Shimla, Government of India.

For the indices, subscript '0' refers to indices as on date of completion of delivery as per LOA.

Subscript '1' refers to indices as applicable for the month of execution of the E&C work

Note:

1) PVC shall be applicable only beyond original overall completion schedule as per LOA. PVC shall be applicable only if the delay is not attributable to contractor/ vendor. However even if the delay is attributable to vendor then also the negative price variation shall be passed on to BHEL.

2) The price variation shall be limited to +10% of total E&C price (excluding taxes).

SCC of the Project

Project Engineering
Management


Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
POWER SECTOR, PROJECT ENGINEERING MANAGEMENT
Power Project Engg. Institute, Plot No. 25, Sector 16 - A,
HRDI & ESI Complex, NOIDA 201 301 (UP)



SPECIAL CONDITIONS OF CONTRACT (REV 01)

FOR 5 X 800 MW TSGENCO YADADRI TPS [Job No. 417]



These Conditions shall be read in conjunction with General Condition of Contract (GCC) enclosed along with the tender enquiry. In case of any conflict or inconsistency, the requirement of SCC shall prevail over the GCC.

1.0	Project Name	5 X 800 MW TSGENCO YADADRI TPS
2.0	Ultimate Customer	TELANGANA STATE POWER GENERATION CORPORATION LIMITED [TSGENCO]
3.0	Location of Plant	<p>Location: At Virlapalem Village, Damaracherla Mandal, Nalgonda District, Telangana State, India. Site is located 7 Kms from NH5.</p> <p>Access by: Nearest Railway Station: 6.5 Km from Damaracherla. Nearest Airport: Vijayawada airport (130 Km) Nearest sea port: Vishakhapatnam Sea Port. Access by road: 30KM from Miryalaguda Latitude: 16° 42'20.40 N. Longitude: 79° 34'41.56 E Elevation above MSL: 85m</p>
4.0	Delivery Address (Ship to)	Later
5.0	Consignee Address (Bill To) 	BHEL, POWER SECTOR - PROJECT ENGINEERING MANAGEMENT, POWER PROJECT ENGINEERING INSTITUTE, PLOT NO.25, SECTOR-16A, NOIDA-201301 (U.P.)

Handwritten signature and date
24/09/17



Bharat Heavy Electricals Limited
(A Govt. Of India Undertaking)
POWER SECTOR, PROJECT ENGINEERING MANAGEMENT
Power Project Engg. Institute, Plot No. 25, Sector 16 - A,
HRDI & ESI Complex, NOIDA 201 301 (UP)



	Notes 	Consignee address (Bill To) in Invoice & LR should be strictly as per Sl. No. 05. Place of supply along with name of state to be clearly indicated by vendor in invoice. Delivery address (Ship To) in Invoice and LR should be as per Sl. No. 04. Invoice should clearly specify "Billing from" and "Shipping from" addresses. Vendor to note that to effect "Sale in Transit", BHEL shall issue "Delivery Order" to the Transporter for transferring the ownership from BHEL to customer (TSGENCO). It is Vendor's responsibility to ensure availability of trucks well in advance for dispatch of material to meet contractual delivery requirement. Delivery Order shall be carried by transporter along with other dispatch documents.
6.0	Buyer and Paying Authority	Packages for which PO is placed by BHEL-PSSR & LOA is issued by BHEL-PEM - Buyer and Paying Authority shall be <u>BHEL-PSSR.</u>
7.0	Mode of Dispatch	By Road / Rail / Sea on Door Delivery and Freight Pre-Paid Basis.
8.0	Road Permit Required 	To be arranged by Supplier, if required
9.0	Transit Insurance	In BHEL Scope. Vendor shall inform the following details of dispatches to the Underwriter (refer details below) under intimation to BHEL-PEM and BHEL Site office: (1) Policy No. (2) Consignee Name. (3) Consignment Details (items with their weights and value (in INR)). (4) Project Name and P.O. No. (5) LR No. and date, Despatch origin and destination details, Inv. No.
	Policy No.	Later

Handwritten signature and date: 29/09/17



	Name of the Insurance Company details	Later
10.0	BHEL-PEM GST No. 	BHEL PEM: 09AAACB4146P2ZC
11.0	Customer GST & PAN No 	TSGENCO provisional GST no.- 36AAFCT0257Q3ZT PAN No. - AAFCT0257Q
12.0	Unloading at site	<ul style="list-style-type: none"> - By BHEL site office for Supply packages. (The Vendor shall furnish LR wise Gross Wt. of the consignment for the purpose of handling the consignment by BHEL site contractor). - By Vendor for Turnkey i.e. Supply and Erection & Commissioning Packages.
	Storage at site	<ul style="list-style-type: none"> - By BHEL site for Supply packages. - By Vendor for Turnkey i.e. Supply and Erection & Commissioning Packages.
	Movement of Material within Site	<ul style="list-style-type: none"> - By BHEL site for Supply packages. - By Vendor for Turnkey i.e. Supply and Erection & Commissioning Packages.
13.0	Provision of facilities at Site (Applicable for Turnkey Packages)	<p>Construction Power: Construction Power shall be provided free of cost at one point.</p> <p>Construction Water: Construction water shall be provided free of cost at one point.</p>

Handwritten signature and date:
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POWER SECTOR, PROJECT ENGINEERING MANAGEMENT
Power Project Engg. Institute, Plot No. 25, Sector 16 - A,
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14.0	Inspection Agency (Domestic supplies)	Vendor shall give inspection call in line with approved QAP / Customer Hold Points to Regional BHEL-CQS center / Third Party Inspection Agency (TPIA) (as informed by PEM) on "BHEL CQS Website"; with a copy of inspection call to BHEL-PEM for arranging Customer/Third Party participation (wherever applicable), with an advance notice of 15 days for participation in inspection/ Joint inspection on the proposed date. The MDCC shall be issued by customer based on the BHEL-CQS/TPIA report OR Joint inspection report of BHEL CQS/TPIA & Customer (wherever applicable).
	Inspection Agency (Imported supplies)	In case of Imported Supplies advance notice of 30 days for participation in inspection (if applicable, in line with approved QAP / Customer Hold Points) to be given. The Test Certificates & Inspection reports duly accepted by the Foreign Vendor Inspection agency in line with approved QAP/Customer Hold Points shall be submitted to BHEL-PEM, NOIDA. The above Inspection reports & Test certificates shall be reviewed by PEM-Engineering in line with the Technical Specifications & Approved Data sheets and then sent to customer for their clearance. The customer dispatch clearance (MDCC) will be given to the Foreign Vendor or their representative in India through BHEL-PEM after acceptance/clearance of above test certificates by Customer.

M. Singh
27/09/17



15.0	Dispatch Documents required (to be furnished by Vendor for payment)	<p>For Dispatch Payment</p> <p>For materials originating from Indian Territory</p> <p>(a). One (1) original and Six (6) copies of the clean rail/lorry receipt. For payment Received LR (signed & stamped)/ confirmation from site regarding receipt of packages/ Boxes original / copy.</p> <p>(b). One (1) original and Six (6) copies of signed Invoices (Paying Authority along with TIN No. should be mentioned, for VAT cases Annexure-I to be followed).</p> <p>(c). One (1) original and Seven (7) copies of Challan and Packing List (clearly showing number of packages, gross weight and net weight).</p> <p>(d). Six (6) copies of inspection certificate, if any issued by the customer.</p> <p>(e). Eight (8) copies of Customer/BHEL MDCC.</p> <p>(f). Six (6) copies of Approved Test Certificates if any.</p> <p>(g). Delivery order- Two (2) copies.</p> <p>(h). Guarantee Certificate – One (1) Original + One (1) copy.</p> <p>(i). Insurance Intimation - Two (2) copies.</p> <p>(j). CQIR / Inspection Reports – One (1) Original + One (1) copy.</p> <p>(k). PVC Calculation and copy of all applicable indices, if PVC applicable. – Two (2) copies.</p>
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27/09/17


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Power Project Engg. Institute, Plot No. 25, Sector 16 - A,
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		<p>For materials originating from non-Indian Territory</p> <p>(a). Three (3) original and Seven (7) copies of clean bill of lading or One (1) clean original Airway Bill & Four (4) copies, in case of air freight.</p> <p>(b). One (1) original and Six (6) copies of signed Invoices (Paying Authority along with TIN No. should be Mentioned).</p> <p>(c). One (1) original and Seven (7) copies of Packing List (clearly showing number of packages, gross weight and net weight).</p> <p>(d). Six (6) copies of certificate of country of origin.</p> <p>(e). Eight (8) copies of Customer/BHEL MDCC.</p> <p>(f). Six (6) copies of inspection certificate, if any, issued by the customer/his authorised representative.</p> <p>(g). Six (6) copies of certificate from the vendor to the effect that drawings and catalogues for customs clearance purpose have been kept with the packages for shipment.</p> <p>(h). Six (6) copies of certificate from the vendor to the effect that the contents in each case are not less than that entered in the invoices and guaranteed as new and as per the relevant technical specifications.</p> <p>(i) Shipping Specification – One (1) copy.</p> <p>(j). Quality Certificate – One (1) copy.</p> <p>(k). Approved Test Certificates if any. - Six (6) copies.</p> <p>(l). Guarantee Certificate – One (1) Original + One (1) copy.</p> <p>(m). Inspection Reports – One (1) Original + One (1) copy.</p> <p>(n). PVC Calculation and copy of all applicable indices, if PVC applicable. – Two (2) copies.</p> <p style="text-align: right;">Page 6 of 11</p>
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24/09/17




		For Claiming Dispatch payments (for materials originating from Indian territory), Freight, MRC & Services Payments - refer GCC.
16.0	Material Receipt Certificate (MRC)	<p>For Packages wherever E&C is in the scope of Vendor, The vendor shall arrange Material Receipt Certificate from the project site, duly signed by Customer and BHEL-Site after receipt & physical verification of the material at site.</p> <p>For Supply Packages, Material Receipt Certificate shall be arranged by BHEL-PEM. Vendor to provide copy of receipted LRs to enable BHEL-PEM to obtain MRC from site.</p>
17.0	<p>Taxes & Duties</p> <p>(For Domestic Bidder)</p> 	<p>All bidders/vendors to note that this project is a Non-Mega power Project. However, Essentiality certificate shall be issued by TSGENCO (customer) for availing concessional custom duty under Project Import Regulations.</p> <p>Essentiality certificate shall be issued by TSGENCO through BHEL for the items to be imported by the vendor for specified items, limited to CIF content mentioned in the offer/order, for availing concessional custom duty.</p> <p>The bidder has to indicate in their offer, the import contents (if any) i.e. list of items along with qty., currency of import, country of import & CIF value.</p> <p>Availability of CIF for packages, if any, shall be intimated in NIT.</p> <p>Bidders has to note that in order to derive the total Landed Cost to BHEL,</p> <p>Evaluation shall be done excluding GST quoted by bidders.</p> <p>However, same shall be re-confirmed during techno-commercial evaluation of bids.</p>

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POWER SECTOR, PROJECT ENGINEERING MANAGEMENT
Power Project Engg. Institute, Plot No. 25, Sector 16 - A,
HRDI & ESI Complex, NOIDA 201 301 (UP)



18.0	Taxes & Duties  (For Order Directly to Foreign Bidders)	In case of Order on foreign Vendor, the dispatches shall be on C&F basis and the Taxes Duties in the country of dispatch (origin) shall be borne by Foreign Bidder & to be accounted in the prices quoted to BHEL/PEM/NOIDA. Evaluation shall be done as per provisions of GCC.
19.0	Packing, Identification & marking	<ul style="list-style-type: none">• The supplier shall include and provide for securely protecting and packing the materials so as to avoid loss or damage during handling & transport by air, sea, rail and road.• All packing shall allow for easy removal and checking at site. Special precaution shall be taken to prevent rusting of steel and iron parts during transit by sea. Gas seals or other materials shall be adopted by the Contractor for protection against moisture during transit.• The number of each package in a shipment shall be shown in fraction, numerator showing number of the package and the denominator showing total number of packages in a lot / consignment. The packages number shall be generally prepared in the sequence in which they will be required for erection.• Each package delivered under the Contract shall be marked by and at the expense of the supplier and such marking must be distinct and in English language (all previous irrelevant markings being carefully obliterated). Such marking shall show the description and quantity of contents, the name and address of

M. Singh
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consignee, the gross weight and net weight of the package, the name of the Contractor with a distinctive number of mark sufficient for purposes of identification. All markings shall be carried out with such materials as to ensure quickness of drying, fastness and indelibility. Each equipment or parts of equipment shall, when shipped or railed or otherwise dispatched be tagged with reference to the assembly drawings and corresponding part numbers. Each bale or package shall contain a packing note quoting specifically the name of the Contractor, the number and date of contract and the name of the office placing the contract, nomenclature of the stores and include a schedule of parts for each complete equipment giving the part numbers with reference to the assembly drawing and the quantity of each part, drawings nos. and tag numbers.

- Rotor bearings should not be used as a support while packing.
- Besides wherever necessary, packing shall bear a special marking "TOP", "BOTTOM", "DO NOT TURN OVER", "KEEP DRY", "HANDLE WITH CARE" etc.
- All packing cases, containers (excluding marine container), packing and other similar materials shall be new.
- Notwithstanding anything stated in this clause, the Contractor shall be entirely responsible for loss, damage or depreciation or deterioration to the materials & supplies due to faulty and/or insecure packing.
- One copy of respective standard manufacturer's erection instruction/operation instruction manual shall be kept in each package/container for immediate reference.
- Each and every package box shall be marked with the following, as a minimum:

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		<p>(i). Name and address of Consignee : (ii). Project reference : (iii). Contract No.: (iv). Packing No.: (1/10, 2/10, 3/10 when there are 10 packages For one consignment) (v). Net Weight/Gross Weight : (vi). Port of Loading : (vii). Destination Port : Vishakhapatnam Sea Port. (viii). Packing Mark : [symbols indicating "TOP" and other special markings as per (ix). Type of Equipment : "E" (for Equipment supply) "T" (for Tools & Tackles) "S" (for Mandatory Spares)</p> <ul style="list-style-type: none">• Two copies of packing list should be kept in case/package No. 1 of each consignment of the goods and four copies in each case (three inside the box and one copy in a special packet at the outer side of the Box).
20.0	Commissioning spares	<p>The commissioning spares shall be properly packed separately in separate box and each spare shall be properly tagged giving details (to match the description given in the packing slip) to facilitate their proper identification. Three copies of packing list is to be kept inside the box and one copy in a special packet at the outer side of the Box.</p>

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21.0	Mandatory Spares	The Mandatory spares shall be properly packed separately in separate box indicating Mandatory Spares in bold letters and each spare shall be properly tagged giving details i.e. item number of the equipment in line with the Ultimate Customer Contract & Number per item (to match the description given in the packing slip) to facilitate their proper identification by ultimate customer M/s TSGENCO. Three copies of packing list along with Manufacturing drawing no. Reference, Catalogue reference etc. is to be kept inside the box and one copy in a special packet at the outer side of the Box.		
22.0	Submission of Final Drawing / Documents along with O&M Manual, Type Test Certificates (if any)	As per GCC/ Technical specification/ Kickoff meeting.		
	Prepared By	Checked By	Reviewed By	Approved By
Name:	NAINA SINGH	ANIL KUMAR PAL	ASIF IQBAL QURAISHI	PERMINDER SINGH
Designation:	MANAGER	SR. MANAGER	DGM	AGM / DH
Signature:				
Date:	27/09/17	27/9/17	27/09/17	05/11/17

Format for Local Content Certificate

To be given on Letter head of Bidder

Ref:

Date:

To,

Bharat Heavy Electricals Limited
PEM, PPEI Building,
Plot No 25, Sector -16A
Noida (U.P)-201301

Reference: Tender Enquiry No-.....

Name of Package:

Dear Sir,

We hereby certify that items of(Package name)
for.....(Project Name) offered by M/s(bidder's name)
having its works/office at has local content of%.

Further, it is also certified that the local content percentage (%) certified above is in line with definition of local content given in point no 2 of Public Procurement (Preference to Make in India), Order 2017-revision, having ref. no. P-45021/2/2017-PP(BE-II) dated 04.06.2020 & 16.09.2020 an M/s..... qualifies as Class-I/Class-II (strike out whichever is not applicable) local supplier.

Details of the location(s) at which the local value addition-

Yours very truly

..... (Signing Authority Name & Sign)

..... (Firm Name)

Company Stamp

Format for Land Border Certificate

To be given on Letter head of Bidder

Ref:

Date:

To,

Bharat Heavy Electricals Limited

PEM, PPEI Building,

Plot No 25, Sector -16A

Noida (U.P)-201301

Reference:

Order no-F6/18/2019-PPD dated 23.07.2020 issued by Ministry of Finance.

Tender Enquiry No-.....

Offer No-.....

Name of Package:

Dear Sir,

I have read the clause regarding restriction on procurement from a bidder of a country which shares a land border with India. I hereby certify that Company name, is not from such a country and is eligible to be considered.

Thanking You,

Yours faithfully,

(Company director seal and signature)

CUSTOMER/ BHEL LOGO	VENDOR CREDENTIALS SUMMARY SHEET (TO BE FILLED BY BIDDER AND SUBMITTED WITH BID)
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i.	Item/Scope	
ii.	Address of the registered office	Details of Contact Person (Name, Designation, Mobile, Email)
iii.	Name and Address of the proposed vendor's works where item is being manufactured	Details of Contact Person: (Name, Designation, Mobile, Email)
iv.	Annual Production Capacity for proposed item	
v.	Annual production for last 3 years for proposed item	
vi.	Details of proposed works	
1.	Year of establishment	Page No.
2.	Factory Registration Certificate	Details attached at Annexure – F2.1
3.	Overall organization Chart with Manpower Details (Design/Manufacturing/Quality etc.)	Details attached at Annexure – F2.2
4.	After sales service set up in India, in case of foreign sub-vendor(Location, Contact Person, Contact details etc.)	Applicable / Not applicable Details attached at Annexure – F2.3
5.	Sources of Raw Material/Major Bought Out Item	Details attached at Annexure – F2.4
6.	Quality Control exercised during receipt of raw material/BOI, in-process, Final Testing, packing	Details attached at Annexure – F2.5
7.	Manufacturing facilities (List of machines, special process facilities, material handling etc.)	Details attached at Annexure – F2.6
8.	Testing facilities (List of testing equipment)	Details attached at Annexure – F2.7
9.	Supply reference list including recent supplies (Preferably of reputed, well known clients to whom the vendor has	Reputed client name (s).....

CUSTOMER/ BHEL LOGO	VENDOR CREDENTIALS SUMMARY SHEET (TO BE FILLED BY BIDDER AND SUBMITTED WITH BID)
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		supplied the material and are of quantum of item/scope at point (i) above)	Details attached at Annexure – F2.8 (as per format given below)				
Project/ package	Customer Name	Supplied Item (Type/Rating/Model /Capacity/Size etc)	PO ref no/date	Supplied Quantity	Date of Supply		
10.	Product satisfactory performance feedback letter/certificates/End User Feedback		Attached at annexure - F2.9				
11.	Average annual turnover for last three years with documentary proof.						
12.	Summary of Type Test Report (Type Test Details, Report No, Agency, Date of testing) for the proposed product (similar or higher rating) Note: - Reports need not to be submitted		Applicable / Not applicable Details attached at Annexure – F2.10 (if applicable)				
13.	Copy of ISO 9001 certificate (if available)		Attached at Annexure – F2.11				
14.	Product technical catalogues for proposed item (if available)		Details attached at Annexure – F2.12				
Name		Desig		Sign:		Date	
						:	

Company's Seal/Stamp: -

