

PRICE FORMAT (For Indian Bidders)												
Enquiry Number		PE/PG/MG1/E-5563/2017										
NAME OF PROJECT:		4X270MW BHADRADRI TPP										
NAME OF PACKAGE:		FUEL OIL HANDLING AND STORAGE SYSTEM										
TECHNICAL SPECIFICATION No:		PE-TS-411-166-A001										
					Price for Supply portion				Price for SERVICES portion			Grand TOTAL
S. No.	Description	UNIT	Qty	Total ex-works price (INR)	ED including cess @ ...% (for self manufactured items only) (INR)	CST @% Against C- form & E1/E2 or VAT @.....% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @% OF TOTAL EX-WORKS (INR)	TOTAL FOR site price SUPPLY (INR)	Total price for Services (INR)	Service Tax@ ... % (INR)	TOTAL PRICE (For Services including Service tax) (INR)	Total Price Supply FOR site and Services including service tax (INR)
				1	2	3	4	5=1+2+3+4	6	7	8=6+7	9=5+8
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Supply 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 (as applicable), fill of lubricants & consumables, mandatory spares along with spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, obtaining CCOE approval, minor civil work, trial run at site, preparation of layout drawings in 3D (as applicable) and carrying out Performance guarantee / Functional / Demonstration tests at site (As applicable), training of customer/client O&M staff (if applicable) 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	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Supply part 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, obtaining CCOE approval, maintenance tools & tackles (as applicable), fill of lubricants & consumables along with spares for erection as required, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site, preparation of layout drawings in 3D (as applicable) for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order. (Break-up as per Annexure-I)	Lot	1						NA			
2.2	Total lump sum firm prices inclusive of all prevailing taxes, duties and other levies for Services part comprising of unloading, handling, transportation & storage 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 (As applicable), training of customer/client O&M staff (if applicable) 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	NA								
2.3	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Mandatory spares comprising of manufacture, fabrication, assembly, inspection/ testing (as applicable) at vendor's & sub-vendor's works, painting, forwarding, proper packing, shipment, delivery at site & guarantees 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			
Note: 1. Evaluation shall be done on the basis of total lump sum prices for complete supply and services. Total price indicated above at Column (9) minus service tax quoted at Column (7) of 1.0 shall be considered for evaluation & hence must be completed in all respect for the full scope defined & considering all terms and conditions agreed. Further Swachh Bharat Cess i.e. 0.5% of Service tax rate is not cenvatable. Hence, this 0.5% component of cess shall be considered for Evaluation.												
Particulars of bidder / authorised representative												
	Name	Designation		Signature		Date		Company Seal				

PRICE FORMAT (Indian Vendors)									
ANNEXURE - I									
ENQUIRY NUMBER		PE/PG/MG1/E-5563/2017							
NAME OF PROJECT:		3x270 MW BHADRADRI TPP							
NAME OF PACKAGE:		FUEL OIL HANDLING AND STORAGE SYSTEM							
TECHNICAL SPECIFICATION No:		PE-TS-411-166-A001							
		Unit	Qty	Unit Ex-works Price (Rs)	Total ex-works price (Rs)	ED including cess @...% (for self-manufactured items only) (INR)	CST @ ...% Against C-form & EI/E2 or VAT @...% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @ ...% OF TOTAL EX-WORKS (INR)	TOTAL FOR site price SUPPLY (Rs)
				1	2	3	4	5	6=2+3+4+5
2.1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for Supply part 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 & works, painting, maintenance tools & tackles (as applicable), fill of lubricants & consumables alongwith spares for erection as required, startup and commissioning spares as required, forwarding, proper packing, shipment and delivery at site, preparation of layout drawings 3D (as applicable) for the total scope defined as per BHEL NIT & tender technical specification as specified above, amendment & agreements till placement of order.	Lot	1						
2.1.1	Lump sum price for steel plates for HFO Tanks, LDO tanks including floor coil heater	Lot	1						
2.1.2	Lump sum price for structural steels including flanges, hand rails, gratings etc for FOHS.	Lot	1						
2.1.3	HFO Unloading Pumps with motor	Nos.	5						
2.1.4	Strainers for HFO Unloading Pumps	Nos.	5						
2.1.5	LDO Unloading Pumps with motor	Nos.	3						
2.1.6	Strainers for LDO Unloading Pumps	Nos.	3						
2.1.7	Drain Oil Pump with motors	Nos.	2						
2.1.8	Recovery Oil Pump with motors in Oil Pit of OWS	Nos.	2						
2.1.9	Sump Pumps with Motors in Pump House	Nos.	2						
2.1.10	Sump Pumps with Motors in Unloading Area	Nos.	2						
2.1.11	Sump Pumps with Motors in OWS Water Pit	Nos.	2						
2.1.12	Suction Heater in HFO tanks	Nos.	2						
2.1.13	Drain Oil Tank with floor coil heater	Nos.	1						
2.1.14	Flash Tank	Nos.	2						
2.1.15	Pressure Reducing station complete in all respect	Nos.	1						
2.1.16	Lump sum price for Control valves for Suction heater, floor coil heater and Drain oil tank	Lot	1						
2.1.17	HFO & LDO flexible metallic / neoprene unloading hoses with all accessories	Nos.	106						
2.1.18	Steam Hoses for with all accessories	Nos.	50						
2.1.19	Condensate Hoses with all accessories	Nos.	50						
2.1.20	Lumpsum firm price for Pipes & Fittings	Lot	1						
2.1.21	Lump sum price for Inverted Bucket / Float Type Steam Trap	Lot	1						
2.1.22	Lump sum price for TD Type Steam Trap	Lot	1						
2.1.23	Lump sum price for Manual Valves in FOHS	Lot	1						
2.1.24	Lump sum price for Motorized Valves in FOHS	Lot	1						
2.1.25	Lump sum price for Instruments	Lot	1						
2.1.26	Flowmeter in HFO and LDO lines	Nos.	2						
2.1.27	Lump sum price for Insulation & Cladding	Lot	1						
2.1.28	Lump sum price for Painting	Lot	1						
2.1.29	Local Control panel	Nos.	1						
2.1.30	Lump sum price for Equipment and accessories of OWS excluding items covered above.	Lot							
Particulars of bidder / authorised representative									
Name	Designation			Signature		Date		Company Seal	

PRICE FORMAT (Indian Vendors)
ANNEXURE - II
LIST OF MANDATORY SPARES

ENQUIRY NUMBER	PE/PG/MG1/E-5563/2017
NAME OF PROJECT:	4X270 MW BHADRADRI TPP
NAME OF PACKAGE:	FUEL OIL HANDLING AND STORAGE SYSTEM
TECHNICAL SPECIFICATION No:	PE-TS-411-166-A001

S. No.	Description	QTY	Unit	Unit Ex-works Price (Rs)	Total ex-works price (Rs)	ED including cess @....% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @.....% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @% OF TOTAL EX-WORKS (INR)	TOTAL FOR site price SUPPLY (Rs)
1	HFO unloading pumps			1	2	3	4	5	6=2+3+4+5
1.1	HFO suction filter gasket	3	set						
1.2	Rotor assembly complete (cartridge)	2	nos						
1.3	Bearings	2	set						
1.4	Coupling inserts	2	nos						
1.5	Relief valve spring	2	nos						
1.6	Electric Motor	1	nos						
2	LDO unloading pumps								
2.1	LDO suction filter gasket	3	sets						
2.2	Rotor assembly complete (cartridge)	2	nos						
2.3	Bearings	2	sets						
2.4	Coupling inserts	2	nos						
2.5	Relief valve spring	2	nos						
2.6	Electric Motor	1	nos						
3	LP VALVES								
3.1	LP Piping valves & traps - Complete assembly	5% or min. 1 no. (whichever is more) for each size, type & rating for total population	%/Nos						
3.2	Steam traps - Complete assembly	5% or min. 1 no. (whichever is more) for each size, type & rating for total population	%/Nos						
4.0	MISC. PUMP								
4.1	Complete Impeller Assembly	1Set for each application and ratings of Pumps	SET						
4.2	Key for impeller	1No. for each application and ratings of Pumps	NOS						
4.3	Pump shaft	1No. for each application and ratings of Pumps	NOS						
4.4	Bearings	1Set (comprising of Drive & Non-drive end) for each application and ratings of Pumps	SET						
4.5	Wear Ring for Shaft & Impeller	1Set for each application and ratings of Pumps	SET						
4.6	Mechanical seal/Gland packing as applicable	1Set for each application and ratings of Pumps	SET						
4.7	Coupling	1No. for each application and ratings of Pumps	NOS						
5	Mandatory Spares for Control Panels / Desks								
5.1	Crimping Pins	2	Roll						

PRICE FORMAT (Indian Vendors)
ANNEXURE - II
LIST OF MANDATORY SPARES

5.2	Bulbs for indicating lights (Three times the one hundred percent spare replacement)	2	Lot						
5.3	control circuit fuses of each current rating (Three times, the one hundred percent spare replacement)	2	Lot						
5.4	Push buttons, electrical control switches and Illuminated push buttons etc	2	Lot (20%)						
6	Mandatory Spares for Temperature Elements and Thermowells								
6.1	Thermocouple / RTD elements (10% of each type and length of elements , or a minimum of one number, whichever is more.)	2	Lot						
6.2	Thermowells for each type of temperature sensors (10% or a minimum of one for each type, whichever is more.)	2	Lot						
7	Mandatory Spares for Electronic Transmitters (for pressure, DP, Flow, level, Temperature) and Electrical Transducers.								
7.1	Transmitters and Electrical Transducers (10% of total number of offered for each model and type for the project or a minimum of one number, whichever is more)	2	Lot						
8	Mandatory spares for local gauges/switch (for Pressure, DP, Temperature, Flow, level, etc.)								
8.1	Local gauges/ Switch (for Pressure, DP, Temperature, Flow, level, etc.) (10% of total number of instruments offered for each model and type for the project or a minimum of one number, whichever is more.)	2	Lot						
9	CONTROL VALVES								
9.1	DIAPHRAGM	2 NOS. OF EACH TYPE OF ACTUATOR	Nos						
9.2	GLAND PACKING	1 SET FOR EACH TYPE OF VALVE	Set						
9.3	TRIM	1 SET FOR EACH TYPE OF VALVE	Set						
9.4	GASKET	2 SET FOR EACH TYPE OF VALVE	Set						
9.5	POSITION TRANSMITTER COMPLETE SET	10 % of total quantity used in the system for each type & model	%						
9.6	complete set of solenoid valve for on/off valve	5 nos. for each type & ratings	Nos						
9.7	Position limit switch	5 nos. for each type & ratings	Nos						

Note:

- 1)Mandatory spares listed above is 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 bidders scope of supply.
- 2) These spares shall be considered as per the applicable items in main supply.
- 3) One set means total numbers as required for one complete replacement for one equipment..
- 4) Quantity mentioned in percentage (%) is the % of total installed. If percentage comes as fraction next higher integer should be considered for the purpose of quantity required.

Particulars of bidder / authorised representative									
Name	Designation	Signature	Date						

PRICE FORMAT (For Foreign Bidders)																			
Enquiry Number		PE/PG/MG1/R-5563/2017																	
NAME OF PROJECT:		4X270MW BHADRADI TPP																	
NAME OF PACKAGE:		FUEL OIL HANDLING AND STORAGE SYSTEM																	
TECHNICAL SPECIFICATION No:-		PE-TS-411-166-A001																	
				PRICE OF IMPORTED ITEMS (Supply not from Indian Territory)					PRICE OF INDIGENOUS ITEMS (Supply from Indian Territory)					TOTAL PRICE FOR IMPORTED & INDIGENOUS SUPPLY		PRICE FOR SERVICES		GRAND TOTAL	
S. No.	Description	UNIT	Qty	TOTAL L&M Price	Import Price	Custom Duty	Ex-manuf. Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price	Ex-factory Price
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1.0	Total lump sum item price inclusive of all services, duties and other charges for Supply part, Services part and Mandatory spares comprising of design & preparation and submittal of drawing/documents including design, detail drawings and CAD manuals, engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor works, painting, maintenance tools & fixtures (as applicable), M of lubricants & consumables, mandatory spares, overhead hoists for erection, start-up and commissioning as required, forwarding, proper packing, shipment and delivery at site, unloading, handling, transportation & storage at site, in-site transportation, assembly, erection & commissioning, final painting at site, obtaining COC, approval, minor defects, trial run at site, preparation of layout drawings, CD (as applicable) carrying out Performance guarantee / Functional Demonstration tests at site (as applicable), training of customer's staff (if applicable) and hardware in finished condition of the package	Lst	1																
2. MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE																			
2.1	Total lump sum item price inclusive of all services, duties and other charges for Supply part comprising of design & preparation and submittal of drawing/documents including (the Bulk design and CAD manuals), engineering, manufacture, fabrication, assembly, inspection / testing at vendor's & sub-vendor works, painting, obtaining COC approval, maintenance tools & fixtures (as applicable), M of lubricants & consumables, overhead hoists for erection as required, start-up and commissioning as required, forwarding, proper packing, shipment and delivery at site, preparation of layout drawings in CD (as applicable) for the total scope defined as per BHEL NTC & tender technical specification as specified above.	Lst	1																
2.2	Total lump sum item price inclusive of all services, duties and other charges for Service part comprising of unloading, handling, transportation & storage 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 (as applicable), training of customer's staff (if applicable) and hardware in finished condition of the package to the end customer consistent with all accessories for the total scope defined as per BHEL NTC & tender technical specification as specified above, amendment & agreement in placement of order.	Lst	1																
2.3	Total lump sum item price inclusive of all services, duties and other charges for Mandatory spares comprising of manufacture, fabrication, assembly, inspection / testing (as applicable) at vendor's & sub-vendor works, painting, forwarding, proper packing, shipment, delivery at site & preparation as per tender technical specification above, amendment & agreement in placement of order. (Price break up of mandatory spares to be furnished as per Annexure -3)	Lst	1																
Note																			
1. Evaluation shall be done on the basis of totality using prices for complete supply and services. Total price indicated above at Column (13) minus service fee quoted at Column (15) of 3.0 shall be considered for evaluation & hence must be completed in respect of 3.0. Sub-price defined & considering all terms and conditions agreed. Further BHEL's Bidder Code on BOM of Service work is not convertible. Hence, this 3.0% component of cost shall be considered for evaluation.																			
Bidders / Supplier / manufacturer representation																			

PRICE FORMAT (For Foreign Bidders)

ANNEXURE - I

ENQUIRY NUMBER

PE/PG/MGL/E-5563/2017

NAME OF PROJECT:

KX270MW BHADRACHI TPP

NAME OF PACKAGE:

FUEL OIL HANDLING AND STORAGE SYSTEM

TECHNICAL SPECIFICATION No:

PE-TS-411-166-A001

S. NO.	DESCRIPTION OF EQUIPMENT / ITEM	Unit	Qty	PRICE FOR SUPPLY (ITEMS) (Supply lot from Indian Territory)						PRICE FOR INSTALLATION (ITEMS) (Supply lot from Indian Territory)						TAXES		PRICE FOR SERVICES				GRAND TOTAL
				UNIT L&M Indian	TOTAL L&M Indian	Owner's Material	Custom Duty after including EXW&Taxes	Material FREIGHT	L.O.R. rate	UNIT EX- WORKS PRICE	TOTAL EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	EX- WORKS PRICE	
				Supply Price	Supply Price	Insurance	applicable	CHARGES (INCLUDING SERVICE TAX)	Supply price													
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	
2.1	Steel from from steel section of all pipelines from, valves and other items for Supply part comprising of design (as preparation and submission of drawing/documents including GA, B&B drawings and O&M manuals), engineering, manufacturing, fabrication, assembly, inspection, testing at vendor's & sub-vendor works, painting, maintenance work at section (as applicable), fit of L&M items & consumables alongwith spares for erection as required, start-up and commissioning as required. Nevertheless, owner decides placement and delivery at site, coordination of, layout drawings etc (as applicable) for the total scope defined as per B&B.	L&M	1																			
2.1.1	Lump sum price for steel plates for HFO Tanks, LDO tanks including their coil header	L&M	1																			
2.1.2	Lump sum price for structural steels including beams, hand rails, grating etc for FONGS	L&M	1																			
2.1.3	HFO Unloading Pumps with motor	HAZ	5																			
2.1.4	Steamers for HFO Unloading Pumps	HAZ	5																			
2.1.5	LDO Unloading Pumps with motor	HAZ	5																			
2.1.6	Steamers for LDO Unloading Pumps	HAZ	5																			
2.1.7	Steam Oil Pump with motor	HAZ	2																			
2.1.8	Recovery Oil Pump with motor in O&P of OWS	HAZ	2																			
2.1.9	Sump Pumps with Motors in Pump House	HAZ	2																			
2.1.10	Sump Pumps with Motors in Unloading Area	HAZ	2																			
2.1.11	Sump Pumps with Motors in OWS Sludge Pit	HAZ	2																			
2.1.12	Suction Header in HFO Tanks	HAZ	2																			
2.1.13	Steam Oil Tank with their coil header	HAZ	1																			
2.1.14	Float Tank	HAZ	2																			
2.1.15	Pressure Reducing station complete in all respect	HAZ	1																			
2.1.16	Lump sum price for District valves for Suction Header, their coil header and Drain off tank	L&M	1																			
2.1.17	HFO & LDO Double-suction / composite unloading hoses with all accessories	HAZ	205																			
2.1.18	Steam Hoses for with all accessories	HAZ	50																			
2.1.19	Condensate Hoses with all accessories	HAZ	50																			
2.1.20	Lockdown Valve gate for Pipes & Fittings	HAZ	1																			
2.1.21	Lump sum price for Isolated Bucket / Float Type Steam Trap	L&M	1																			
2.1.22	Lump sum price for TS Type Steam Trap	L&M	1																			
2.1.23	Lump sum price for Steam Valves in FONGS	L&M	1																			
2.1.24	Lump sum price for Watered Valves in FONGS	L&M	5																			
2.1.25	Lump sum price for Instruments	L&M	1																			
2.1.26	Steamers in HFO and LDO tank	HAZ	2																			
2.1.27	Lump sum price for Insulation & Cladding	L&M	1																			
2.1.28	Lump sum price for Piping	L&M	1																			
2.1.29	Steel District valve	HAZ	1																			
2.1.30	Lump sum price for Equipment and accessories of OWS exclusive items	L&M	1																			
Particulars of Bids / authorized representation																						

PRICE FORMAT (For Foreign Bidders)
ANNEXURE - II

LIST OF MANDATORY SPARES

ENQUIRY NUMBER	PE/PG/MG1/E-5563/2017
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PRICE FORMAT (For Foreign Bidders)
ANNEXURE - II

LIST OF MANDATORY SPARES

ENQUIRY NUMBER	PE/PG/MG1/E-5563/2017
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ANNEXURE - II

ENQUIRY NUMBER	PE/PG/MG1/E-5563/2017
NAME OF PROJECT:	4X270MW BHADRADRI TPP
NAME OF PACKAGE:	FUEL OIL HANDLING AND STORAGE SYSTEM
TECHNICAL SPECIFICATION No:	PE-TS-411-166-A001

Note: 1)Mandatory spares listed above is 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 bidders scope of supply. 2) These spares shall be considered as per the applicable items in main supply. 3) One set means total numbers as required for one complete replacement for one equipment.. 4) Quantity mentioned in percentage (%) is the % of total installed. If percentage comes as fraction next higher integer should be considered for the purpose of quantity required.
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