

NAME OF BIDDER :								
NAME OF PROJECT:		2X500 MW TUTICORIN TPS- FGD PKG						
NAME OF PACKAGE:		ELEVATOR						
TECHNICAL SPECIFICATION:		PE-PF-483-502-A001						
TENDER ENQUIRY NO :		PE/PG/NTF/E-6688/2021 Dated 13.07.2021						
Sl. No.	DESCRIPTION	UNIT	QTY	Total Price excluding GST (INR)	Freight in %	Total Freight	Total FOR Site Price Including Freight but excluding GST (INR)	Total FOR Site Price Including Freight but excluding GST in Words
1.0	Total lump sum firm price for SUPPLY PART, SERVICE PART & 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 (if applicable) alongwith 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, minor civil works, erection & commissioning, trial run at site, preparation of drawings in 3D (if applicable) and carrying out performance guarantee/Functional/Demonstration tests at site (As applicable), training of customer/client O&M staff (if applicable) & final handing over to end customer in flawless condition for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Lot	1	0		0	0	-
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.							
2.1	Total lump sum firm price 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, maintenance tools & tackles (as applicable), fill of lubricants & consumables, spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, preparation of drawings in 3D (if applicable) (FOR FGD CONTROL BUILDING) for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up as per Annexure I)	Set	1	0		0	0	-
2.2	Total lumpsum firm prices for the Services as specified, comprising of service part for unloading, handling, transportation & storage at site, in site transportation, assembly, minor civil works, erection & commissioning, final painting at site, 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) & final handing over to end customer in flawless condition of Elevator (FOR FGD CONTROL BUILDING) for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order.	Set	1		NA		0	-
2.3	Total lumpsum firm price 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 & guarantee of Elevator (ONE SET FOR FGD CONTROL BUILDING) 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).	Set	1	0		0	0	-

ANNEXURE-I					
NAME OF PROJECT:		2X500 MW TUTICORIN TPS- FGD PKG			
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TENDER ENQUIRY NO :		PE/PG/NTF/E-6688/2021 Dated 13.07.2021			
Sl. No.	DESCRIPTION	Unit	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR)
2.1	Break up of Total lump sum firm price 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, maintenance tools & tackles (as applicable), fill of lubricants & consumables, spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, G.A. drawings in 3D (As applicable) (FOR FGD CONTROL BUILDING-) for project and package specified above complete with all accessories for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up as under)	LOT	1		
2.1.1	Car along with traction machine, Car landing door, VVVF drive and controller, LT Power Cable, Car Operating Panel (COP), Automatic Rescue Device (ARD), Air Conditioner/ Ventilation (as applicable), machine room lighting, Over	Lot	1		0
2.1.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement.	Set	1		0
2.1.3	Rope, Trailing cable, guide rails for car and counter weight, guide brackets, anchor fasteners, Shaft Lighting, compensating chain (if applicable) meeting total travel requirement.	Lot	1		0
2.1.4	Maintenance tools and tackles.	Set	1		0
	Total				0
NOTE	1) S. No. 2.1.2 shall be used for price adjustments on account of change in landing (if any) for the respective elevators. 2) S. No. 2.1.3 shall be used for price adjustments on account of change in travel (if any) for the respective elevators.				

ANNEXURE-II (Mandatory Spares) (One set common for FGD Control building Elevators)					
NAME OF PROJECT:		2X500 MW TUTICORIN TPS- FGD PKG			
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TENDER ENQUIRY NO :		PE/PG/NTF/E-6688/2021 Dated 13.07.2021			
Sl. No.	DESCRIPTION	UNIT	QTY	Unit Ex-works duly packed (INR)	Total Ex-works duly packed (INR)
1	Friction block	2 nos. each type	2		0
2	Guide roller of each type of type	20% of total population or 3 no's of each type whichever is higher	3		0
3	Contactors of each type	2 nos. of each type & rating	2		0
4	Control transformer	1 no. of each type & rating	1		0
5	Time Device	2 nos. of each type	1		0
6	Rectifiers	2 nos. of each type & rating	2		0
7	Over current relay	2 nos. of each type	2		0
8	Auxiliary Relay	2 nos. of each type	2		0
9	Resistor	20% of total population or 3 no's of each type whichever is higher	3		0
10	Fuses-of replacement	20% of total population or 3 no's of each type whichever is higher	3		0
11	Limit Switches of each type	3 nos. of each type	3		0
12	Push Button	2 nos. of each type	2		0
13	Contact Device	2 nos. of each type	2		0
14	Brake motor	2 nos. of each type	2		0
15	Transmitters	2 nos. of each type	2		0
16	Switches of each Type	2 nos.	2		0
17	Receiver	3 nos. of each type	3		0
18	Bearings of each Type & size	2 nos.	2		0
19	Roller of each type	2 nos.	2		0
20	Bushing (for door front)	2 sets	2		0
21	Brake				
a	Fans	2 nos.	2		0
b	Brake pads	2 sets	2		0
c	Brake discs	2 sets	2		0
d	Magnetic coil	2 sets	2		0
22	Worm gear spares				
	a) O rings	3 Sets.	3		0

	b) Sealing rings of each type	3 Sets.	3		0
23	Pinion	2 nos. of each type	2		0
24	Elevator motor with VVVF System	1 no. of each type & rating	1		0
25	End Shield Cover Driving & Non-Driving End (as applicable)	1 set for each type and rating of Motor	1		0
26	Heaters (as applicable	2 sets for each type and rating of motor	2		0
27	Bearings (DE and NDE) for each type and rating of motor (as applicable)	2 sets	2		0
28	Cooling Fan for all type and rating of LT motors (as applicable)	One (1) set	1		0
29	Dust seals and gaskets for each type of motors (as applicable)	1 Set	1		0
30	Motor Terminal Block (as applicable)	1 set for each type and rating of Motor	1		0
31	Complete Set of Coupling (as applicable)	1 set for each type and rating	1		0
	Total of (b)				0

NOTES:-					
a	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.				
b	Unless stated otherwise, a 'set' means item or sub-items required for each type/ size, range of assembly/ sub- assembly required for complete replacement in one equipment system; it is further intended that the assembly/ sub-assembly which have different orientation (like left hand or right hand, top or bottom), different direction of rotation or mirror image positioning or any other reasons which result in marinating two different sets of spares to be used for subject assembly/ sub assembly, these shall be considered as different type of assembly/ sub assembly.				
c	Wherever quantity has been specified as percentage (%), the quantity of mandatory spares to be provided by the vendor shall be the specified percentage (%) of total population required to meet the specification requirements. In case the quantity of mandatory spares so calculated happens to be in fraction, the same shall be rounded off to next higher whole number.				
d	Wherever the quantities have been indicated for each type, size, thickness, material, radius, range etc, these shall cover all the items supplied and installed and the breakup of these shall be furnished by the vendor during detail engineering.				
e	In case spares indicated in the list are not applicable to the particular design offered by the bidder, the bidder should offer spares applicable to the offered design with quantities generally in line with the approach followed in the above list.				
f	Wherever bidder has indicated an item as not applicable, the same will have to be supplied free of cost, in case it is found applicable during detail engineering.				
g	Interchangeability and Packings: All spares supplied under this contract shall be strictly interchangeable with parts for which they are intended for replacements. These spares should include all mounted accessories like components, boards, add or items, fitting, connectors etc. and be complete in all respects so that the replacement of the main items by these spares does not require any additional item. The vendors must conform the pair to pair compatibility of each electrical spares modules with the modules should be supplied in the original package. All electronic modules should be pre set and/or preprogrammed for ready use at site. Alternatively, suitable instruction sheet indicating the details of required PCB jumper position, BCD which is setting, EPROM/PROM listing etc should be packed along with each module. Also a caution mark sign should be put on all such module which needs pre setting /pre-programming before putting them in to service. The spare shall be treated and properly packed for long term storage.				
h	Identification: Each spare shall be clearly marked and labeled on the outside of the packing with its description. When more than one spare part is packed in single case, a general description of the contents shall be shown on the outside of such case and a detailed list enclosed. All cases, containers and other packages must be suitably marked and numbered for the purpose of identification.				

ANNEXURE-II DEVIATION SHEET (COST OF WITHDRAWAL)									
PROJECT:-						2X500 MW TUTICORIN TPS- FGD PKG			
PACKAGE :-						ELEVATOR			
TENDER ENQUIRY :-						PE/PG/NTF/E-6688/2021 Dated 13.07.2021			
NAME OF THE BIDDER									
Sl. No.	Volume/Section	Page No.	Clause No.	Technical Specification/Tender Document No	Complete Description of Deviation	Cost of withdrawal of deviation to be entered by the bidder in	Reference of price Schedule of which Cost of Withdrawal of Deviation is applicable	Nature of cost of withdrawal of deviation (Positive/Negative)	Reasons for quoting deviation
1	TECHNICAL DEVIATION								
1.01									
1.02									
1.03									
1.04									
1.05									
1.06									
1.07									
1.08									
2	COMMERCIAL DEVIATION								
2.01									
2.02									
2.03									
2.04									
2.05									
2.06									
2.07									
2.08									

NOTES:

1. Cost of Withdrawal of deviation will be applicable on the basic price (i.e. excluding taxes, duties & freight) only.

2. All the bidders have to list out all their technical & commercial deviations (if any) in details in the above format.

3. Any deviation not mentioned above and shown separately or found hidden in offer, will not be taken cognizance of.

4. Bidder shall submit duly filled unpriced copy of above format indicating "quoted" in "cost of withdrawl of deviation" column of the schedule above along with their Techno-commercial offer, wherever applicable. In absence of same, such deviation(s) shall not be considered and offer shall be considered in total compliance to NIT.

5. Bidder shall furnish price copy of above format along with price bid.

6. The final decision of acceptance/ rejection of the deviations quoted by the bidder shall be at discretion of the Purchaser.

7. Bidders to note that any deviation (technical/commercial) not listed in above and asked after Part-I opening shall not be considered.

8. For deviations w.r.t. Credit Period, Liquidated damages, Firm prices if a bidder chooses not to give any cost of withdrawl of deviation loading as per Annexure-VII of GCC, Rev-07 will apply. For any other deviation mentioned in un-priced copy of this format submitted with Part-I bid but not mentioned in priced copy of this format submitted with Priced bid, the cost of withdrawl of deviation shall be taken as NIL.

9. Any deviation mentioned in priced copy of this format, but not mentioned in the un-priced copy, shall not be accepted.

10. All techno-commercial terms and conditions of NIT shall be deemed to have been accepted by the bidder, other than those listed in unpriced copy of this format.

11. Cost of withdrawl is to be given seperately for each deviation. In no event bidder should club cost of withdrawl of more than one deviation else cost of withdrawl of such deviations which have been clubbed together shall be considered as NIL.

12. In case nature of cost of withdrawl (positive/negative) is not specified it shall be assumed as positive.

13. In case of discrepancy in the nature of impact (positive/ negative), positive will be considered for evaluation and negative for ordering.