

**TENDER ENQUIRY FOR ELEVATORS FOR 2X800MW TANGEDCO NORTH CHENNAI TPS,
STAGE-III**

Date: 18.03.2017

CORRIGENDA-1

Tender Enquiry no.: PE/PG/TAN/E-5497/2016 Dated 07.03.2017

DUE DATE
29-MAR-2017
10:00 AM IST

1. Price format for submission of part-2(price) bids has been revised. All bidders are requested to submit their prices in the revised format as enclosed

With Regards,
For & on behalf of BHEL



(Isha Rawat)
Sr Engineer/PG-II-1/ BHEL-PEM

*Enclosures: 1) Annexure-A for Indian Bidders
2) Annexure-B for Foreign Bidders*

Please reply to:

**Isha Rawat, Sr Engineer
PG-II-1**

Power Project Engineering Institute Building
HRD & ESI Complex Plot No. 25, Sector -16 A,
BHEL-PEM,Noida-201301 (U.P.)
Tel No. 0120-4213577/4368519, Fax: 0120-4329106

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III																					
PACKAGE: ELEVATOR																					
TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017																					
PRICE FORMAT FOR FOREIGN BIDDERS (Rev01)																					
ANNEXURE-B																					
S. No.	Description	UNIT	QTY	TOTAL F.O.B. Price Including handling and transportation to Vendor's own port.) (Currency)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total C&F price (Mumbai/Chennai Port) (Currency)	Custom Duty after availing CENVAT benefit (if applicable) (INR)	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported Items supply price (Currency + INR)	TOTAL EX- WORKS PRICE (INR)	ED @ ...% (for self manufactured items only) (INR)	CST @ ...% Against C form & L1/L2 or VAT @ ...% Whichever is applicable (INR)	FREIGHT CHARGES INCLUDING SERVICE TAX) @ ...% OF TOTAL EX-WORKS (INR)	TOTAL F.O.R SITE PRICE (INR)	Total FOR Site IMPORTED + INDIGENOUS SUPPLY [(Currency+INR) +INR]	E & C (INR)	SERVICE TAX @ ...% (INR)	E & C INCLUDING SERVICE TAX (INR)	GRAND TOTAL Total Lumpsum price for supply [IMPORTED + INDIGENOUS SUPPLY] and E&C with Service tax. [[(Currency+INR)+INR]+INR]	
1	2	3	4	5	6	7	8=5+6	9	10	11=SUM(8 TO 10)	12	13	14	15	16=SUM(12 TO 15)	17=13+16	18	19	20=18+19	21=17+20	
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies 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																		
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, 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) [Break-up as per Annexure J] & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 TG 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.	No.	1																		
2.2	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, 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) [Break-up as per Annexure J] & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 SERVICE 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.	Nos.	2																		
2.3	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, 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) [Break-up as per Annexure J] & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 ESP CONTROL ROOM 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.	No.	1																		
2.4	Total lumpsum 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 & guarantee of Elevator (FOR TG 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- B1).	Lot	1																		
2.5	Total lumpsum 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 & guarantee of Elevator (FOR SERVICE 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- B2).	Lots	2																		
2.6	Total lumpsum 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 & guarantee of Elevator (FOR ESP CONTROL ROOM 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- B3).	Lot	1																		
Note: 1) As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.																					



Particulars of bidder / authorised representative

Name, Designation, Date & Company Seal

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
 PACKAGE: ELEVATOR
 TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017
 PRICE FORMAT FOR FOREIGN BIDDERS (Rev01)

ANNEXURE-I

S. No.	Description	UOM	QTY	IMPORTED ITEMS (Supply not from Indian Territory)							INDIGENEOUS ITEMS (Supply from Indian Territory)				TOTAL	
				TOTAL F.O.B. Price (including handling and transportation to Vendor's own port.)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total C&F price (Mumbai/ Chennai Port) (Currency)	Custom Duty after availing CENVAT benefit if applicable	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported Items supply price (Currency + INR)	TOTAL EX- WORKS PRICE (INR)	ED @...% (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		TOTAL F.O.R SITE PRICE (INR)
1	2	3	4	5	6	7	8=5+6	9	10	11=SUM(8 TO 10)	12	13	14	15	16=SUM(12 TO 15)	17=11+16
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET ANN-X-B.															
2.1	Break up of 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, 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 TG 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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	1													
2.1.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	1													
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													
2.1.4	Maintenance tools and tackles	Lot	1													
NOTES	TOTAL (Should match with prices quoted against SI No. 2.1 of Main sheet for SUPPLY)															
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.2 OF MAIN SHEET ANN-X-B.															
2.2	Break up of 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, 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 SERVICE 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	2													
2.2.1	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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	2													
2.2.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	2													
2.2.3	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	2													
2.2.4	Maintenance tools and tackles	Lot	2													
NOTES	TOTAL (Should match with prices quoted against SI No. 2.2 of Main sheet for SUPPLY)															
	BREAK-UP OF SUPPLY PRICES GIVEN IN 2.3 OF MAIN SHEET ANN-X-B.															
2.3	Break up of 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, 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 ESP CONTROL ROOM 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													
2.3.1	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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	1													
2.3.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	1													
2.3.3	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													
2.3.4	Maintenance tools and tackles	Lot	1													
NOTES	TOTAL (Should match with prices quoted against SI No. 2.3 of Main sheet for SUPPLY)															
Note: 1) As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.																



Particulars of bidder / authorised representative

Name, Designation, Date & Company Seal

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
 PACKAGE: ELEVATOR
 TENDER ENQUIRY No. PE/PG/TAN/E-5497/17 DATED 06.03.2017
 ANNEXURE-81 : PRICE FORMAT FOR FOREIGN BIDDERS (Rev01)

LIST OF MANDATORY SPARES FOR TG BUILDING ELEVATORS I.e. ONE (01) LOT.
EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

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PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
 PACKAGE: ELEVATOR
 TENDER ENQUIRY No. PE/PG/TAN/E-5497/17 DATED 06.03.2017
 ANNEXURE-B2 : PRICE FORMAT FOR FOREIGN BIDDERS (Rev01)

LIST OF MANDATORY SPARES FOR SERVICE BUILDING ELEVATORS i.e. TWO (02) LOTS.
 EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

S. No.	Description	UOM	QTY (For each elevator)	IMPORTED ITEMS (Supply not from Indian Territory)							INDIGENEOUS ITEMS (Supply from Indian Territory)				TOTAL	
				TOTAL F.O.B. Price (including handling and transportation to Vendor's own port.) (Currency)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total C&F price (Mumbai/Chennai Port) (Currency)	Custom Duty after availing CENVAT benefit if applicable (INR)	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported Items supply price (Currency + INR)	TOTAL EX-WORKS PRICE (INR)	ED @...% (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 F.O.R SITE PRICE (INR)	Total FOR Site IMPORTED + INDIGENEOUS SUPPLY [(Currency+INR)+ INR]
1	2		3	5	6	7	8=5+6	9	10	11=SUM(8 TO 10)	12	13	14	15	16=SUM(12 TO 15)	17=11+16
1	Spares for Brakes	Sets (One set comprises of items as per Sl. No-1.1 to 1.5)	4													
1.1	Brake Lining	No.	1													
1.2	Brake Motor	No.	1													
1.3	Fixed Brake Disc	Set	1													
1.4	Rivets	Sets	2													
1.5	Bearings	Set	1													
1.6	Sleeves if any	Set	1													
2	Lift Car															
2.1	a) Car Door Guide Rollers	Sets	2													
3	Landing Door															
3.1	a) Rollers	Sets	2													
4	Machinery															
4.1	a) Set of Bearings	Set	1													
4.2	b) Packing Unit if any	Sets	2													
4.3	c) Bushing if any	Set	1													
5	Spare for Governor															
5.1	a) Bearing if any	Set	1													
5.2	b) Roller	No.	1													
5.3	c) Pin	No.	1													
6	Friction block	Nos.	6													
7	Guide roller of each type of type	5% of total population or 1 no whichever is higher														
8	Contactors of each type	10% of total population or 1 no whichever is higher														
9	Control transformer	No.	1													
10	Time Device	No.	1													
11	Rectifiers	Nos.	3													
12	Over Current Relay	No.	1													
13	Auxiliary Relay	No.	1													
14	Resistor	Nos.	3													
15	Fuses	100 % of replacement for 1 lift														
16	Limit Switches of each type	No.	1													
17	Push Buttons	Nos.	5													
18	Contact Device	Nos.	5													
19	Lamp output	Nos.	5													
20	Break Motor	No.	1													
21	Transmitters	No.	1													
22	Switches of each Type	No.	1													
23	Receiver	No.	1													
24	Bearings of each Type & size	Nos.	2													
25	Roller of each type	Nos.	3													
26	Sensor	No.	1													
27	Worm gear spares of each type															
27.1	a) O rings	Nos.	3													
27.2	b) Sealing rings of each type	Nos.	3													
28	Spares for Brake for each type															
28.1	a) Fan	No.	1													
28.2	b) Magnetic Coil	Nos.	2													
28.3	c) Brake Disc	No.	1													
28.4	d) Brake Pad	Nos.	4													
29	Bushing (for door front)	Nos.	2													
30	Pinion	No.	1													
31	Indicating lamp	100 % replacement														
32	Motor starter	No.	1													
33	TOTAL PRICE for 1 LOT (Sum Sl no. 1 to 32)															
34	TOTAL PRICE FOR 2 LOTS (Sl no. 33 X 2)															

Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender technical specification, same shall be deemed to have been covered in bidders scope of supply.

J. S. S. S.

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
 PACKAGE: ELEVATOR
 TENDER ENQUIRY No. PE/PG/TAN/E-5497/17 DATED 06.03.2017
 ANNEXURE-83 : PRICE FORMAT FOR FOREIGN BIDDERS (Rev01)

LIST OF MANDATORY SPARES FOR ESP BUILDING ELEVATORS i.e. ONE (01) LOT.

EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

				IMPORTED ITEMS (Supply not from Indian Territory)										INDIGENEOUS ITEMS (Supply from Indian Territory)				TOTAL
S. No.	Description	UOM	QTY (For each elevator)	TOTAL F.O.B. Price (including handling and transportation to Vendor's own port.) (Currency)	Ocean Freight (Currency)	Ocean / Marine Insurance	Total C&F price (Mumbai/Chennai Port) (Currency)	Custom Duty after availing CENVAT benefit if applicable (INR)	Inland FREIGHT CHARGES (INCLUDING SERVICE TAX) (INR)	F.O.R. site Imported Items supply price (Currency + INR)	TOTAL EX- WORKS PRICE (INR)	ED @.....% (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 F.O.R SITE PRICE (INR)	Total FOR Site IMPORTED + INDIGENOUS SUPPLY [(Currency+INR)+INR]		
1	2		3	5	6	7	8=5+6	9	10	11=SUM(8 TO 10)	12	13	14	15	16=SUM(12 TO 15)	17=11+16		
1	Spares for Brakes	Sets (One set comprises of Items as per SI. No-1.1 to 1.5)	4															
1.1	Brake Lining	No.	1															
1.2	Brake Motor	No.	1															
1.3	Fixed Brake Disc	Set	1															
1.4	Rivets	Sets	2															
1.5	Bearings	Set	1															
1.6	Sleeves if any	Set	1															
2	Lift Car																	
2.1	a) Car Door Guide Rollers	Sets	2															
3	Landing Door																	
3.1	a) Rollers	Sets	2															
4	Machinery																	
4.1	a) Set of Bearings	Set	1															
4.2	b) Packing Unit if any	Sets	2															
4.3	c) Bushing if any	Set	1															
5	Spare for Governor																	
5.1	a) Bearing if any	Set	1															
5.2	b) Roller	No.	1															
5.3	c) Pin	No.	1															
6	Friction block	Nos.	6															
7	Guide roller of each type of type	5% of total population or 1 no whichever is higher																
8	Contactors of each type	10% of total population or 1 no whichever is higher																
9	Control transformer	No.	1															
10	Time Device	No.	1															
11	Rectifiers	Nos.	3															
12	Over Current Relay	No.	1															
13	Auxiliary Relay	No.	1															
14	Resistor	Nos.	3															
15	Fuses	100 % of replacement for 1 lift																
16	Limit Switches of each type	No.	1															
17	Push Buttons	Nos.	5															
18	Contact Device	Nos.	5															
19	Lamp output	Nos.	5															
20	Break Motor	No.	1															
21	Transmitters	No.	1															
22	Switches of each Type	No.	1															
23	Receiver	No.	1															
24	Bearings of each Type & size	Nos.	2															
25	Roller of each type	Nos.	3															
26	Sensor	No.	1															
27	Worm gear spares of each type																	
27.1	a) O rings	Nos.	3															
27.2	b) Sealing rings of each type	Nos.	3															
28	Spares for Brake for each type																	
28.1	a) Fan	No.	1															
28.2	b) Magnetic Coil	Nos.	2															
28.3	c) Brake Disc	No.	1															
28.4	d) Brake Pad	Nos.	4															
29	Bushing (for door front)	Nos.	2															
30	Pinion	No.	1															
31	Indicating lamp	100 % replacement																
32	Motor starter	No.	1															
33	TOTAL PRICE for 1 LOT (Sum SI no. 1 to 32)																	

Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender technical specification, same shall be deemed to have been covered in bidders scope of supply.

J. Lakshmi

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III												
PACKAGE: ELEVATOR												
TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017												
PRICE FORMAT FOR INDIAN BIDDERS (Rev01)												
ANNEXURE-A												
S. No.	Description	UNIT	QTY	TOTAL EX- WORKS PRICE (INR)	ED @...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @....% . Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total Ex-works Price (INR)	TOTAL F.O.R SITE PRICE (INR) SUPPLY	E & C Price (INR)	Service Tax on E&C @% (INR)	TOTAL E & C PRICE INCLUDING SERVICE TAX (INR)	Total Lumpsum Price for Supply and E&C (INR)
1	2	3	4	5	6	7	8	9= sum(5 to 8)	10	11	12=sum(10 to 11)	13=9+12
1.0	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies 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									
2	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.											
2.1	Total lumpsum firm prices 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, 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) Break-up as per Annexure I); & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 TG 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.	No.	1									
2.2	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, 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) Break-up as per Annexure I); & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 SERVICE 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.	Nos.	2									
2.3	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, 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) Break-up as per Annexure I); & Total lumpsum firm prices inclusive of all prevailing taxes, duties and other levies 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 ESP CONTROL ROOM 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.	No.	1									
2.4	Total lumpsum 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 & guarantee of Elevator (FOR TG 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- A1).	Lot	1									
2.5	Total lumpsum 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 & guarantee of Elevator (FOR SERVICE 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- A2).	Lots	2									
2.6	Total lumpsum 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 & guarantee of Elevator (FOR ESP CONTROL ROOM 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- A3).	Lot	1									
Note: 1) As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.												



Particulars of bidder / authorised representative

Name, Designation, Date & Company Seal

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III								
PACKAGE: ELEVATOR								
TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017								
PRICE FORMAT FOR INDIAN BIDDERS (Rev01)								
ANNEXURE-I								
S. No.	Description		QTY	TOTAL EX- WORKS PRICE (INR)	ED @...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @% Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total Ex-works Price (INR)	TOTAL F.O.R SITE PRICE SUPPLY (INR)
1	2	3	4	5	6	7	8	9= sum(5 to 8)
BREAK-UP OF SUPPLY PRICES GIVEN IN 2.1 OF MAIN SHEET ANN-X.								
2.1	Break up of 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, 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 TG 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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	1					
2.1.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	1					
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					
2.1.4	Maintenance tools and tackles	Lot	1					
NOTES	TOTAL (Should match with prices quoted against SI No. 2.1 of Main sheet for SUPPLY)							
BREAK-UP OF SUPPLY PRICES GIVEN IN 2.2 OF MAIN SHEET ANN-X.								
2.2	Break up of 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, 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 SERVICE 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	2					
2.2.1	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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	2					
2.2.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	2					
2.2.3	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	2					
2.2.4	Maintenance tools and tackles	Lot	2					
NOTES	TOTAL (Should match with prices quoted against SI No. 2.2 of Main sheet for SUPPLY)							
BREAK-UP OF SUPPLY PRICES GIVEN IN 2.3 OF MAIN SHEET ANN-X.								
2.3	Break up of 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, 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 ESP CONTROL ROOM 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					
2.3.1	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 Speed Governor (OSG), counter weight, buffer springs, Erection and Commissioning Spares etc.	Lot	1					
2.3.2	Landing doors, landing operating panel (LOP), door fixing arrangement etc. meeting total landing requirement	Lot	1					
2.3.3	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					
2.3.4	Maintenance tools and tackles	Lot	1					
NOTES	TOTAL (Should match with prices quoted against SI No. 2.3 of Main sheet for SUPPLY)							

Note:
1) As per cl. no. 3.0 of GCC Rev-06, Total erection & commissioning charges including service tax should be minimum 20% (or as specified in NIT) of the total quoted package price (excluding mandatory spares but including all taxes and freight), failing which the break-up of prices shall be adjusted accordingly for ordering.



Particulars of bidder / authorised representative

Name, Designation, Date & Company Seal

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
 PACKAGE: ELEVATOR
 TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017
 ANNEXURE-A1 : PRICE FORMAT FOR INDIAN BIDDERS (Rev01)

LIST OF MANDATORY SPARES FOR TG BUILDING ELEVATORS i.e. ONE (01) LOT.
EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

S. No.	Description	UOM	QTY (For each elevator)	UNIT EX- WORKS PRICE (INR)	TOTAL EX- WORKS PRICE (INR)	ED @...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @% Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total Ex- works Price (INR)	TOTAL F.O.R SITE PRICE (INR)
1	Spares for Brakes	Sets (One set comprises of items as per Sl. No-1.1 to 1.6)	4						
1.1	Brake Lining	No.	1						
1.2	Brake Motor	No.	1						
1.3	Fixed Brake Disc	Set	1						
1.4	Rivets	Sets	2						
1.5	Bearings	Set	1						
1.6	Sleeves if any	Set	1						
2	Lift Car								
2.1	a) Car Door Guide Rollers	Sets	2						
3	Landing Door								
3.1	a) Rollers	Sets	2						
4	Machinery								
4.1	a) Set of Bearings	Set	1						
4.2	b) Packing Unit if any	Sets	2						
4.3	c) Bushing if any	Set	1						
5	Spare for Governor								
5.1	a) Bearing if any	Set	1						
5.2	b) Roller	No.	1						
5.3	c) Pin	No.	1						
6	Friction block	Nos.	6						
7	Guide roller of each type of type	5% of total population or 1 no whichever is higher							
8	Contactors of each type	10% of total population or 1 no whichever is higher							
9	Control transformer	No.	1						
10	Time Device	No.	1						
11	Rectifiers	Nos.	3						
12	Over Current Relay	No.	1						
13	Auxiliary Relay	No.	1						
14	Resistor	Nos.	3						
15	Fuses	100 % of replacement for 1 lift							
16	Limit Switches of each type	No.	1						
17	Push Buttons	Nos.	5						
18	Contact Device	Nos.	5						
19	Lamp output	Nos.	5						
20	Break Motor	No.	1						
21	Transmitters	No.	1						
22	Switches of each Type	No.	1						
23	Receiver	No.	1						
24	Bearings of each Type & size	Nos.	2						
25	Roller of each type	Nos.	3						
26	Sensor	No.	1						
27	Worm gear spares of each type								
27.1	a) O rings	Nos.	3						
27.2	b) Sealing rings of each type	Nos.	3						
28	Spares for Brake for each type								
28.1	a) Fan	No.	1						
28.2	b) Magnetic Coil	Nos.	2						
28.3	c) Brake Disc	No.	1						
28.4	d) Brake Pad	Nos.	4						
29	Bushing (for door front)	Nos.	2						
30	Pinion	No.	1						
31	Indicating lamp	100 % replacement							
32	Motor starter	No.	1						
33	TOTAL PRICE for 1 LOT (Sum Sl no. 1 to 32)								

Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender technical specification, same shall be deemed to have been covered in bidders scope of supply.

J. Sathyanarayanan

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
PACKAGE: ELEVATOR
TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017
ANNEXURE-A2 : PRICE FORMAT FOR INDIAN BIDDERS (Rev01)

LIST OF MANDATORY SPARES FOR SERVICE BUILDING ELEVATORS i.e. TWO (02) LOTS.
EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

S. No.	Description	UOM	QTY (For each elevator)	UNIT EX- WORKS PRICE (INR)	TOTAL EX- WORKS PRICE (INR)	ED @...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @.....% Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total Ex-works Price (INR)	TOTAL F.O.R SITE PRICE (INR)
1	Spares for Brakes	Sets (One set comprises of items as per Sl. No-1.1 to 1.6)	4						
1.1	Brake Lining	No.	1						
1.2	Brake Motor	No.	1						
1.3	Fixed Brake Disc	Set	1						
1.4	Rivets	Sets	2						
1.5	Bearings	Set	1						
1.6	Sleeves if any	Set	1						
2	Lift Car								
2.1	a) Car Door Guide Rollers	Sets	2						
3	Landing Door								
3.1	a) Rollers	Sets	2						
4	Machinery								
4.1	a) Set of Bearings	Set	1						
4.2	b) Packing Unit if any	Sets	2						
4.3	c) Bushing if any	Set	1						
5	Spare for Governor								
5.1	a) Bearing if any	Set	1						
5.2	b) Roller	No.	1						
5.3	c) Pin	No.	1						
6	Friction block	Nos.	6						
7	Guide roller of each type of type	5% of total population or 1 no whichever is higher							
8	Contactors of each type	10% of total population or 1 no whichever is higher							
9	Control transformer	No.	1						
10	Time Device	No.	1						
11	Rectifiers	Nos.	3						
12	Over Current Relay	No.	1						
13	Auxillary Relay	No.	1						
14	Resistor	Nos.	3						
15	Fuses	100 % of replacement for 1 lift							
16	Limit Switches of each type	No.	1						
17	Push Buttons	Nos.	5						
18	Contact Device	Nos.	5						
19	Lamp output	Nos.	5						
20	Break Motor	No.	1						
21	Transmitters	No.	1						
22	Switches of each Type	No.	1						
23	Receiver	No.	1						
24	Bearings of each Type & size	Nos.	2						
25	Roller of each type	Nos.	3						
26	Sensor	No.	1						
27	Worm gear spares of each type								
27.1	a) O rings	Nos.	3						
27.2	b) Sealing rings of each type	Nos.	3						
28	Spares for Brake for each type								
28.1	a) Fan	No.	1						
28.2	b) Magnetic Coil	Nos.	2						
28.3	c) Brake Disc	No.	1						
28.4	d) Brake Pad	Nos.	4						
29	Bushing (for door front)	Nos.	2						
30	Pinion	No.	1						
31	Indicating lamp	100 % replacement							
32	Motor starter	No.	1						
33	TOTAL PRICE for 1 LOT (Sum Sl no. 1 to 32)								
34	TOTAL PRICE FOR 2 LOTS (Sl no. 33 X 2)								

Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender technical specification, same shall be deemed to have been covered in bidders scope of supply.

J. Shanthan

PROJECT: 1X800MW TANGEDCO NORTH CHENNAI TPS , STG-III
PACKAGE: ELEVATOR
TENDER ENQUIRY No. PE/PG/TAN/E-5497/2016 DATED 06.03.2017
ANNEXURE-A3 : PRICE FORMAT FOR INDIAN BIDDERS (Rev01)

NAME OF PACKAGE: ELEVATOR : LIST OF MANDATORY SPARES FOR ESP BUILDING ELEVATORS i.e. ONE (01) LOT.
EACH LOT COMPRISES OF MANDATORY SPARES AS LISTED FROM SL. NO. 1 TO 32.

S. No.	Description	UOM	QTY (For each elevator)	UNIT EX- WORKS PRICE (INR)	TOTAL EX- WORKS PRICE (INR)	ED @ ...% (for self manufactured items only) (INR)	CST @% Against C-form & E1/E2 or VAT @% Whichever is applicable (INR)	FREIGHT (including service tax, if any) @% of total Ex- works Price (INR)	TOTAL F.O.R SITE PRICE (INR)
1	Spares for Brakes	Sets (One set comprises of items as per Sl. No-1.1 to 1.6)	4						
1.1	Brake Lining	No.	1						
1.2	Brake Motor	No.	1						
1.3	Fixed Brake Disc	Set	1						
1.4	Rivets	Sets	2						
1.5	Bearings	Set	1						
1.6	Sleeves if any	Set	1						
2	Lift Car								
2.1	a) Car Door Guide Rollers	Sets	2						
3	Landing Door								
3.1	a) Rollers	Sets	2						
4	Machinery								
4.1	a) Set of Bearings	Set	1						
4.2	b) Packing Unit if any	Sets	2						
4.3	c) Bushing if any	Set	1						
5	Spare for Governor								
5.1	a) Bearing if any	Set	1						
5.2	b) Roller	No.	1						
5.3	c) Pin	No.	1						
6	Friction block	Nos.	6						
7	Guide roller of each type of type	5% of total population or 1 no whichever is higher							
8	Contactors of each type	10% of total population or 1 no whichever is higher							
9	Control transformer	No.	1						
10	Time Device	No.	1						
11	Rectifiers	Nos.	3						
12	Over Current Relay	No.	1						
13	Auxillary Relay	No.	1						
14	Resistor	Nos.	3						
15	Fuses	100 % of replacement for 1 lift							
16	Limit Switches of each type	No.	1						
17	Push Buttons	Nos.	5						
18	Contact Device	Nos.	5						
19	Lamp output	Nos.	5						
20	Break Motor	No.	1						
21	Transmitters	No.	1						
22	Switches of each Type	No.	1						
23	Receiver	No.	1						
24	Bearings of each Type & size	Nos.	2						
25	Roller of each type	Nos.	3						
26	Sensor	No.	1						
27	Worm gear spares of each type								
27.1	a) O rings	Nos.	3						
27.2	b) Sealing rings of each type	Nos.	3						
28	Spares for Brake for each type								
28.1	a) Fan	No.	1						
28.2	b) Magnetic Coil	Nos.	2						
28.3	c) Brake Disc	No.	1						
28.4	d) Brake Pad	Nos.	4						
29	Bushing (for door front)	Nos.	2						
30	Pinion	No.	1						
31	Indicating lamp	100 % replacement							
32	Motor starter	No.	1						
33	TOTAL PRICE for 1 LOT (Sum Sl no. 1 to 32)								

Note: Mandatory spares listed above is bare minimum requirement. In case any additional mandatory spares requirement is covered elsewhere in the tender technical specification, same shall be deemed to have been covered in bidders scope of supply.

J. Shanthan