#### SUGGESTED PRICE FORMAT

Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020

		4	X270	MW BHADRADRI 1	TPP (FGD System): ELECTRIC HOIST								
					UNIT	TOTAL	Freight (IN		TOTAL PRICE	Applicable GST rate in % on (Total Ex-works + Freight) both (INR)			
S. No.	DESCRIPTION	UNIT	QTY	HSN CODE	PRICE (EX-WORKS) INR	PRICE (EX-WORK S) INR	% of Total Ex- Works	Freight Amount in INR	S (Exworks + freight) (INR)	GST rate in % on (Total Ex-Works + Freight)	Type of GST applicable (IGST/CGST + SGST/UTGST	Total GST amount in INR	Total FOR site Price (INR)
1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY 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, fill of lubricants & consumables, supervision of E&C, mandatory spares alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site 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										
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.						L		I			L	l
2.1	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 & subvendor's works, painting, maintenance tools & tackles, fill of lubricants & consumables, supervision of E&C, alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up of prices as per Annexure I(A))	Lot	1	8425 11 10									
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for <b>Mandatory spares</b> 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. ( <b>Price break up of mandatory spares is to be furnished as per Annexure- II (A))</b> .	Lot	1	8431 10 10									
			C	GRAND TOTAL(INR)									
	то	TAL F.	O.R. Pı	rices in words (INR)						•			

### SUGGESTED PRICE FORMAT ANNEXURE-I (A)

Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020 4X270 MW BHADRADRI TPP (FGD System) : ELECTRIC HOIST

				HADK	UNIT	TOTAL PRICE (EX-WORKS) INR	r) : ELECTRIC HOIS Freight charges (INR)		TOTAL PRICES	Applicable GST rate in % on (Total Ex-works + Freight) both (INR)			Total FOR	Total FOR
S. No.				QTY	PRICE (EX-WORKS) INR		% of Total Ex- Works	Freight Amount in INR	(Exworks + freight) (INR)	GST rate in % on (Total Ex-Works + Freight)	Type of GST applicable (IGST/CGST + SGST/UTGST	Total GST amount in INR	site Price (INR)	site Price (INR) in Figures
2.0	BREAK-UP OF SUPPLY PRICES (	GIVEN IN 2.1 OF MAIN SHEET.						l l		1				
2.1	Breakup of Prices inclusive of all levies for SUPPLY part comprising submission of drawing /documents O&M manuals), engineering, mainspection / testing at vendor's maintenance tools & tackles, fill supervision of E&C, alongwith succommissioning as required, forward delivery at site, for project and pack all accessories for following items BHEL NIT & tender technical specitill placement of order.	ng of design (i.e.preparation and including "As Built" drawings and anufacture, fabrication, assembly, & sub-vendor's works, painting, II of lubricants & consumables, spares for erection, startup and ding, proper packing, shipment and kage specified above complete with for the total scope defined as per fication, amendment & agreements	Lot	1										
2.1.1 (a)	For <b>ESP cum FGD Control Room</b> Capacity: 10 T Lift: 9 M Travel path (Straight): 6 M		No.	1										
2.1.1 (b)	PVC Shrouded bus bar (GI) type DS	SL complete with all accessories.	Mtr	6										
2.1.1 (c)	Trailing cable for movable type pend	dent	Mtr	6										
2.1.2	Maintenance tools and tackles		set	1										
2.1.3	Commisioning spares for 10 T ho		set	1										
2.1.4 (a)	Supervision of E&C (1 set)	Charges per visit	No.	1										
2.1.4 (b)		Charges per man-day	No.	1										
	TOTAL	(INR)	•											

#### Note:

<sup>1)</sup> The requirement for visit &/or supervision at site as indicated at sl no. 2.1.4 (a) & 2.1.4 (b) shall vary as per requirement of site. Any variation shall be adjusted as per Unit rate mentioned in Rate contract PO.

<sup>2)</sup> Any variation in length of DSL due to change in bay length will be adjusted based on unit rates arrived from 2.1.1 (b) above.

## ANNEXURE-II (A) LIST OF MANDATORY SPARES

Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020 4X270 MW BHADRADRI TPP (FGD System) : ELECTRIC HOIST

			UNIT	TOTAL		charges IR)	TOTAL PRICES	Appl (Tot	Total FOR		
SI. No.	DESCRIPTION	TOTAL QTY	PRICE (EX-WORKS) INR	PRICE (EX-WORKS) INR	% of Total Ex- Works	Freight Amount in INR	(Exworks + freight) (INR)	GST rate in % on (Total Ex-Works + Freight)	Type of GST applicable (IGST/CGST + SGST/UTGST	Total GST amount in INR	site Price (INR)
2.2	BREAK-UP OF SUPPLY PRICES GI	VEN IN 2.2 OF MAIN SHE	ET.					1		ı	
	MANDATORY SPARES FOR ELECTRIC	HOISTS (FOR 10T HOIST)-	FGD control	room (for eac	ch type and ra	ting, hoists)					
1.1	Bearings for travel wheels	4 set									
1.2	Bearings for gear boxes for each type of	4 set									
1.3	Break liners for all the brakes	200% of total population of									
		each type & size									
1.4	Oil seals	200% of total population of									
	0.1. 000.10	each type, size rating									
1.5	Brake springs for all brakes	200% of total population of									
1.0	Brake opinings for all brakes	each type, size rating									
1.6	Wire ropes for hooks	200% installed on each									
1.0	Whe reped for floored	crane and hoist									
1.7	Solenoid coils for brakes	4 set									
	Overload relay for motors	4 Nos.									
1.9	Limit switches for hoists and travel	4 set									
1.0	mechanisms	1 001									
1.10	(i) Spare motors for hoist motion	2 Nos.									
1.10	(ii) Spare motors for travel motion	2 Nos.									
1.11	Travel machinery										
	i. Gear wheel	2 set									
	ii. Internal clip	4 Nos.									
	iii. Pinion	2 No.									
2	Electrical Items										
2.1	415 Volt Motor (Upto 30 KW Rating)										
a	Driving End & Non-Driving End Bearing	4 Set for each type and									
<u>~</u>	2g 2a a	rating of Motor									
b	Cooling Fan	4 Nos. for each type and									
~	g can	rating of Motor									
С	Motor Terminal Block	10 Nos. for each type and									
·		rating of Motor									
d	Complete Set of Coupling	2 Set of each application									
3	C&I Items		1		1			†		1	
a	Back-up panel mounted devices	10% of installed capacity	İ					1			
	(Selector switches/ Push buttons/ Indicators etc.										
b	Lamps/ LEDs	200% of the total quantity									
С	Blank Tiles	20% of installed capacity									
d	MCBs	20% of each type & rating									
е	Fuses/ Fuse holder	200% of each type & rating									
	TOTAL (INR)										

#### SUGGESTED PRICE FORMAT

Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020 1X800 MW KOTHAGUDAM TPP (FGD System): ELECTRIC HOIST

					UNIT	TOTAL PRICE	Freight charges (INR)		TOTAL PRICE S	(Tota	Applicable GST rate in % on (Total Ex-works + Freight) both (INR)		- Total FOR
S. No.	DESCRIPTION		QTY	HSN CODE	PRICE (EX-WORKS) INR	(EX-WORK S) INR	% of Total Ex- Works	Freight Amount in INR	(Exworks + freight) (INR)	GST rate in % on (Total Ex-Works + Freight)	Type of GST applicable (IGST/CGST + SGST/UTGST	Total GST amount in INR	site Price (INR)
1	Total lump sum firm price inclusive of all prevailing taxes, duties and other levies for SUPPLY 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, fill of lubricants & consumables, supervision of E&C, mandatory spares alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site 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										
2.0	MAJOR BREAK-UP OF PRICES GIVEN IN 1.0 ABOVE.												
2.1	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, fill of lubricants & consumables, supervision of E&C, alongwith spares for erection, startup and commissioning as required, forwarding, proper packing, shipment and delivery at site, for project and package specified above complete with all accessories for following items for the total scope defined as per BHEL NIT & tender technical specification, amendment & agreements till placement of order. (Break-up of prices as per Annexure I (B))	Lot	1	8425 11 10									
2.2	Total lumpsum firm price inclusive of all prevailing taxes, duties and other levies for <b>Mandatory spares</b> 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. ( <b>Price break up of mandatory spares is to be furnished as per Annexure- II (B)</b> ).	Lot	1	8431 10 10									
		G	RAND	TOTAL(INR)									
	TOTAL	F.O.R. Pr	ices in	words (INR)			•			•		•	•

#### ANNEXURE-I (B)

## Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020 1X800 MW KOTHAGUDAM TPP (FGD System): ELECTRIC HOIST

		1X800 MW KOT	HAGUD	AIVI I F	r (FGD Syst	em): ELEC	I KIC HOIS	_		_			
S. No.	No. DESCRIPTION		UNIT	QTY	UNIT PRICE (EX-WORKS) INR	TOTAL PRICE (EX- WORKS) INR		charges IR) Freight Amount in INR	TOTAL PRICES (Exworks + freight) (INR)		applicable		Total FOR site Price (INR)
2.0	PREAK UP OF CURRIN PRIORS												
2.0	BREAK-UP OF SUPPLY PRICES  Breakup of Prices inclusive of all prevailing taxes, dut part comprising of design (i.e.preparation and submincluding "As Built" drawings and O&M manual fabrication, assembly, inspection / testing at ver painting, maintenance tools & tackles, fill of lubrican of E&C, alongwith spares for erection, startup an forwarding, proper packing, shipment and delivery a specified above complete with all accessories for scope defined as per BHEL NIT & tender technical agreements till placement of order.	dission of drawing /documents;), engineering, manufacture, dor's & sub-vendor's works, ts & consumables, supervision d commissioning as required, t site, for project and package following items for the total	Lot	1									
2.1.1 (a)	For: <b>ACW PUMP IN CLARIFIED WATER PH (non-hazardous)</b> Capacity: 3 T Lift: 15 M Travel path (Straight): 23 M		Nos.	1									
2.1.1 (b)	PVC shrouded type DSL (Cu conductor) complete with	all accessories.	Mtr.	23									
2.1.2 (a)	For: <b>FGD Control Building (non-hazardous)</b> Capacity: 10 T Lift: 18 M Travel path (Straight): 10.5 M	For: <b>FGD Control Building (non-hazardous)</b> Capacity: 10 T Lift: 18 M		1									
2.1.2 (b)	PVC shrouded type DSL (Cu conductor) complete with	n all accessories.	Mtr.	10.5									
2.1.2 (c)	Trailing Cable for Moving Pendent with all accessorie	S.	Mtr.	10.5									
2.1.3	Maintenance tools and tackles		set	1									
2.1.4	Commissioning spares for 3 T hoist		set	1									
2.1.5	Commissioning spares for 10 T hoist		set	1									
2.1.6 (a)	SUPV of E&C (1 set)	Charges per Visit	No.	1									
2.1.6 (b)	SOFY OF EAC (1 Set)	Charges per man-day	Nos.	2									
	TOTAL (INR)												
Mata					l .		l		l	L	l .	1	1

#### Note:

<sup>1)</sup> The requirement for visit &/or supervision at site as indicated at sl no. 2.1.6 (a) & 2.1.6 (b) shall vary as per requirement of site. Any variation shall be adjusted as per Unit rate mentioned in Rate contract PO.

# ANNEXURE-II (B) LIST OF MANDATORY SPARES Enquiry ref. no.: PE/PG/MMN/E-6502/2020 dated: 28.08.2020 1X800 MW KOTHAGUDAM TPP (FGD System): ELECTRIC HOIST

<b>0.</b> 57	PECCE :	TOTAL OTY	UNIT PRICE	TOTAL PRICE	(IN	charges NR)	TOTAL PRICES (Exworks	Applica (Total	Total FOR		
SI. No.	DESCRIPTION	TOTAL QTY	(EX-WORKS) INR	(EX- WORKS) INR	% of Total Ex- Works	Freight Amount in INR	+ freight) (INR)	GST rate in % on (Total Ex-Works + Freight)	Type of GST applicable (IGST/CGST + SGST/UTGST	Total GST amount in INR	site Price (INR)
	y Spares For 10T Hoist	_									
1.11.1	Bearings for travel wheels	2 sets									
1.11.2	Bearings for gear boxes for each type of hoist	2 sets									
1.11.3	Break liners for all the brakes	100% of total population of									
		each type & size									
1.11.4	Oil seals	100% of total population of each type, size rating									
1.11.5	Brake springs for all brakes	-do-									
1.11.6	Wire ropes for hooks	100% installed on each									
1.11.7	Solenoid coils for brakes	crane and hoist 2 sets									
1.11.8	Overload relay for motors	2 Nos.									
1.11.9	Limit switches for hoists and travel mechanisms	2 sets									
1.11.10	Spare motors for hoists	2 Nos.									
1.11.11	Travel machinery										
	i. Gear wheel	1 set				<b>—</b>				<del>                                     </del>	
	ii. Internal clip iii. Pinion	2 Nos.	<b> </b>			<del>                                     </del>				<del>                                     </del>	
2	Electrical Items	1 No.								<del> </del>	
2.1	415 Volt Motor (Upto 30 KW										
a	Rating) Driving End & Non-Driving End	2 Set for each type and									
	Bearing	rating of Motor									
b	Cooling Fan	2 Nos. for each type and rating of Motor									
С	Motor Terminal Block	5 Nos. for each type and rating of Motor									
3	C&I Items										
b	Back-up panel mounted devices (Selector switches/ Push buttons/ Indicators etc.	5% of installed capacity									
С	Lamps/ LEDs	100% of the total quantity									
е	MCBs	10% of each type & rating									
Mandaton	Total Price y Spares For 3T Hoist										
1.11.1	Bearings for travel wheels	2 sets									
1.11.2	Bearings for gear boxes for	2 sets									
	each type of hoist										
1.11.3	Break liners for all the brakes	100% of total population of each type & size									
1.11.4	Oil seals	100% of total population of each type, size rating									
1.11.5	Brake springs for all brakes	-do-									
1.11.6	Wire ropes for hooks	100% installed on each									
1 11 7	Solenoid coils for brakes	crane and hoist									
1.11.7 1.11.8	Overload relay for motors	2 sets 2 Nos.								<del>                                     </del>	
1.11.9	Limit switches for hoists and travel mechanisms	2 sets									
1.11.10	Spare motors for hoists	2 Nos.									
1.11.11	Travel machinery										
	i. Gear wheel	1 set								<del> </del>	
	ii. Internal clip iii. Pinion	2 Nos.			1	<b> </b>		1		1	
2	Electrical Items	1 No.								-	
2.1	415 Volt Motor (Upto 30 KW										
a	Rating)  Driving End & Non-Driving End	2 Set for each type and						-			
-	Bearing	rating of Motor									
b	Cooling Fan	2 Nos. for each type and rating of Motor									
С	Motor Terminal Block	5 Nos. for each type and rating of Motor									
3	C&I Items										
b	Back-up panel mounted devices	5% of installed capacity									
	(Selector switches/ Push buttons/ Indicators etc.										
С	Lamps/ LEDs	100% of the total quantity									
d	MCBs	10% of each type & rating									
	TOTAL (INR)		1	1					1	1	l