

		3X800 MW PATRATU TPP PH-I				Annexure-I
PRICE SCHEDULE FOR CATHODIC PROTECTION						
S. No.	Item Code	EQUIPMENT / ITEM DESCRIPTION	Unit	Qty.	Ex Works Price	Remarks
A	SUPPLY OF ITEMS FOR CATHODIC PROTECTION PKG AS PER SPEC					
1	509-14018-A	TCP Anode with Backfill	LOT	1	A	Detailed break up shall be as per Annexure-III in Bidding Form
2	509-14001-A	ANODE JUNCTION BOX	LOT	1	B	
3	509-14002-A	Cable	LOT	1	C	
4	509-14012-A	Reference Electrodes	LOT	1	D	
5	509-14020-A	Thermit welding	LOT	1	E	
6	509-14022-A	Transformer Rectifier unit	LOT	1	F	
7	509-14003-A	CATHODE JUNCTION BOX	LOT	1	G	
8	509-14008-A	KIRK CELL WITH OTHER EQUIPMENT FOR HT LINE CROSSING	NOS	1	H	
9	509-14026-A	ICCP MMO Anode with Backfill	LOT	1	I	
10	509-14034-A	MISCELLANEOUS ITEMS	LOT	1	J	
	ERECTION & COMMISSIONING,SURVEY & MONITORING CHARGES					
B	509-14013-A	SURVEY	LUMPSUM	1	K	
C	509-14009-A	MONITORING CHARGES	LUMPSUM	1	L	
D	509-14000-C	ERECTION & COMMISSIONING	LUMPSUM	1	M	Detailed break up shall be as per Annexure-III in Bidding Form
TOTAL						
NOTES:						
1	BIDDERS TO NOTE THAT ALL ROUTINE/TYPE/SPECIAL TESTS AS PER THE TECHNICAL SPECIFICATION SHALL BE CARRIED OUT ON ALL EQUIPMENTS WITHOUT ANY ADDITIONAL COST.					
2	LOT INDICATED ABOVE MEANS COMPLETE QUANTITY REQUIRED FOR COMPLETENESS OF THE SYSTEM.BIDDER TO INDICATE THE PRICES OF MAJOR ITEMS/EQUIPMENTS MENTIONED ABOVE. HOWEVER, PRICE OF ALL SUCH OTHER ITEMS REQUIRED FOR COMPLETION OF THE SYSTEM IN ALL RESPECTS SHALL BE DEEMED TO BE INCLUDED IN THE PRICES INDICATED ABOVE.					
3	E&C ACTIVITIES SHALL BE CARRIED OUT BY VENDOR . ALL SKILLED / UNSKILLED LABOUR FOR THIS PURPOSE SHALL BE ARANGED BY VENDOR. THE CHARGES INDICATED SHALL INCLUDE ALL TRANSIT, LODGING , BOARDING CHARGES, ETC CHARGES .					
4	ALL SKILLED / UNSKILLED LABOUR FOR SURVEY/MONITORING PURPOSE SHALL BE ARRANGED BY BIDDER. BIDDERS TO INCLUDE IN THE UNIT PRICES THE CHARGES FOR DEPUTATION OF TECHNICAL PERSONNEL OF SUITABLE EXPERIENCE AND IN SUFFICIENT NUMBERS, ALONG WITH ALL TESTING EQUIPMENT AND MATERIALS FOR CARRYING OUT SOIL RESISTIVITY SURVEY AT SITE. THE CHARGES INDICATED SHALL INCLUDE ALL TRANSIT, LODGING , BOARDING CHARGES, ETC CHARGES .					
5	MONITORING OF THE ICCP SYSTEM SHALL BE DONE TILL THE SYSTEM IS HANDED OVER TO CUSTOMER/BHEL FOR A PERIOD OF SIX MONTHS AFTER COMMISSIONING OF THE COMPLETE ICCP SYSTEM. THE CHARGES INDICATED SHALL INCLUDE ALL MONITORING INSTRUMENTS, TRANSIT, LODGING AND BOARDING CHARGES.					

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		PRICE SCHEDULE FOR CATHODIC PROTECTION					
		SCHEDULE OF UNIT PRICES FOR CATHODIC PROTECTION PKG					
							Annexure-II
S. No.	Item Code	EQUIPMENT / ITEM DESCRIPTION	Unit of measurement	Qty being considered by bidder	Unit Ex Works Price	Total Price	Remarks
A		SUPPLY OF ITEMS FOR CATHODIC PROTECTION PKG AS PER SPEC					
1	509-14018-A	TCP ANODE & BACKFILL:					SUM OF A1,A2,A3,A4,A5 SHALL BE SAME AS " A" OF MAIN PRICE SCHEDULE
		ANODE TYPE -1 (BIDDER TO INDICATE DETAIL)	No		A1		
		ANODE TYPE -2 (BIDDER TO INDICATE DETAIL)	No		A2		
		ANODE TYPE -3 (BIDDER TO INDICATE DETAIL)	No		A3		
		ANODE TYPE -4 (BIDDER TO INDICATE DETAIL)	No		A4		
		ANODE TYPE -5 (BIDDER TO INDICATE DETAIL)	No		A5		
					TOTAL =A1+A2+A3+A4+A5		
2	509-14001-A	ANODE JUNCTION BOX:					SUM OF B1,B2,B3,B4,B5 SHALL BE SAME AS " B" OF MAIN PRICE SCHEDULE
		JUNCTION /DISTRIBUTION BOX TYPE-1 (BIDDER TO INDICATE DETAIL)	No		B1		
		JUNCTION /DISTRIBUTION BOX TYPE-2 (BIDDER TO INDICATE DETAIL)	No		B2		
		JUNCTION /DISTRIBUTION BOX TYPE-3 (BIDDER TO INDICATE DETAIL)	No		B3		
		JUNCTION /DISTRIBUTION BOX TYPE-4 (BIDDER TO INDICATE DETAIL)	No		B4		
		JUNCTION /DISTRIBUTION BOX TYPE-5 (BIDDER TO INDICATE DETAIL)	No		B5		
					TOTAL =B1+B2+B3+B4+B5		
3	509-14002-A	CABLE:					SUM OF C1,C2,C3,C4,C5,C6 SHALL BE SAME AS " C" OF MAIN PRICE SCHEDULE
		CABLE TYPE -1 (BIDDER TO INDICATE DETAIL)	Metre		C1		
		CABLE TYPE -2 (BIDDER TO INDICATE DETAIL)	Metre		C2		
		CABLE TYPE -3 (BIDDER TO INDICATE DETAIL)	Metre		C3		
		CABLE TYPE -4 (BIDDER TO INDICATE DETAIL)	Metre		C4		
		CABLE TYPE -5 (BIDDER TO INDICATE DETAIL)	Metre		C5		
		CABLE TYPE -6 (BIDDER TO INDICATE DETAIL)	Metre		C6		
					TOTAL =C1+C2+C3+C4+C5+C6		
4	509-14012-A	REFERENCE ELECTRODE:					SUM OF D1,D2,D3,D4,D5 SHALL BE SAME AS " D" OF MAIN PRICE SCHEDULE
		REFERENCE ELECTRODE TYPE-1 (BIDDER TO INDICATE DETAIL)	No		D1		
		REFERENCE ELECTRODE TYPE-2 (BIDDER TO INDICATE DETAIL)	No		D2		
		REFERENCE ELECTRODE TYPE-3 (BIDDER TO INDICATE DETAIL)	No		D3		
		REFERENCE ELECTRODE TYPE-4 (BIDDER TO INDICATE DETAIL)	No		D4		
		REFERENCE ELECTRODE TYPE-5 (BIDDER TO INDICATE DETAIL)	No		D5		
					TOTAL =D1+D2+D3+D4+D5		
5	509-14020-A	THERMIT WELD:					SUM OF E1,E2,E3,E4,E5 SHALL BE SAME AS " E" OF MAIN PRICE SCHEDULE
		THERMIT WELD TYPE-1 (BIDDER TO INDICATE DETAIL)	No		E1		
		THERMIT WELD TYPE-2 (BIDDER TO INDICATE DETAIL)	No		E2		
		THERMIT WELD TYPE-3 (BIDDER TO INDICATE DETAIL)	No		E3		
		THERMIT WELD TYPE-4 (BIDDER TO INDICATE DETAIL)	No		E4		
		THERMIT WELD TYPE-5 (BIDDER TO INDICATE DETAIL)	No		E5		
					TOTAL =E1+E2+E3+E4+E5		
6	509-14022-A	TRANSFORMER RECTIFIER UNIT:					SUM OF F1,F2,F3,F4,F5 SHALL BE SAME AS " F" OF MAIN PRICE SCHEDULE
		TR UNIT TYPE-1 (BIDDER TO INDICATE DETAIL)	No		F1		
		TR UNIT TYPE-2 (BIDDER TO INDICATE DETAIL)	No		F2		
		TR UNIT TYPE-3 (BIDDER TO INDICATE DETAIL)	No		F3		
		TR UNIT TYPE-4 (BIDDER TO INDICATE DETAIL)	No		F4		
		TR UNIT TYPE-5 (BIDDER TO INDICATE DETAIL)	No		F5		
					TOTAL =F1+F2+F3+F4+F5		
7	509-14003-A	CATHODE JUNCTION BOX:					SUM OF G1,G2,G3,G4,G5 SHALL BE SAME AS " G" OF MAIN PRICE SCHEDULE
		JUNCTION /DISTRIBUTION BOX TYPE-1 (BIDDER TO INDICATE DETAIL)	No		G1		
		JUNCTION /DISTRIBUTION BOX TYPE-2 (BIDDER TO INDICATE DETAIL)	No		G2		
		JUNCTION /DISTRIBUTION BOX TYPE-3 (BIDDER TO INDICATE DETAIL)	No		G3		
		JUNCTION /DISTRIBUTION BOX TYPE-4 (BIDDER TO INDICATE DETAIL)	No		G4		
		JUNCTION /DISTRIBUTION BOX TYPE-5 (BIDDER TO INDICATE DETAIL)	No		G5		
					TOTAL =G1+G2+G3+G4+G5		
8	509-14008-A	KIRK CELL WITH OTHER EQUIPMENT FOR HT LINE CROSSING					SUM OF H1,H2,H3,H4,H5 SHALL BE SAME AS " H" OF MAIN PRICE SCHEDULE
		KIRK CELL TYPE -1 (BIDDER TO INDICATE DETAIL)	No		H1		
		KIRK CELL TYPE -2 (BIDDER TO INDICATE DETAIL)	No		H2		
		KIRK CELL TYPE -3 (BIDDER TO INDICATE DETAIL)	No		H3		
		KIRK CELL TYPE -4 (BIDDER TO INDICATE DETAIL)	No		H4		
		KIRK CELL TYPE -5 (BIDDER TO INDICATE DETAIL)	No		H5		
					TOTAL =H1+H2+H3+H4+H5		
9	509-14026-A	ICCP MMO Anode with Backfill:					SUM OF I1,I2,I3,I4,I5 SHALL BE SAME AS " I" OF MAIN PRICE SCHEDULE
		ANODE TYPE -1 (BIDDER TO INDICATE DETAIL)	No		I1		
		ANODE TYPE -2 (BIDDER TO INDICATE DETAIL)	No		I2		
		ANODE TYPE -3 (BIDDER TO INDICATE DETAIL)	No		I3		
		ANODE TYPE -4 (BIDDER TO INDICATE DETAIL)	No		I4		
		ANODE TYPE -5 (BIDDER TO INDICATE DETAIL)	No		I5		
					TOTAL =I1+I2+I3+I4+I5		
10	509-14034-A	MISCELLANEOUS ITEMS					SUM OF J1,J2,J3 SHALL BE SAME AS " J" OF MAIN PRICE SCHEDULE
		ITEM -1 (BIDDER TO INDICATE DETAIL)	No		J1		
		ITEM -2 (BIDDER TO INDICATE DETAIL)	No		J2		
		ITEM -3 (BIDDER TO INDICATE DETAIL)	No		J3		
		ITEM -4 (BIDDER TO INDICATE DETAIL)	No		J4		
		ITEM -5 (BIDDER TO INDICATE DETAIL)	No		J5		
		ITEM -6 (BIDDER TO INDICATE DETAIL)	No		J6		
		ITEM -7 (BIDDER TO INDICATE DETAIL)	No		J7		
		ITEM -8 (BIDDER TO INDICATE DETAIL)	No		J8		
		ITEM -9 (BIDDER TO INDICATE DETAIL)	No		J9		
		ITEM -10 (BIDDER TO INDICATE DETAIL)	No		J10		
					TOTAL =J1+J2+J3+J4+J5+J6+J7+J8+J9+J10		



3X800 MW PATRATU TPP PH-I

PRICE SCHEDULE FOR CATHODIC PROTECTION

Annexure-II

SCHEDULE OF UNIT PRICES FOR CATHODIC PROTECTION PKG

S. No.	Item Code	EQUIPMENT / ITEM DESCRIPTION	Unit of measurement	Qty being considered by bidder	Unit Ex Works Price	Total Price	Remarks
D		ERECTION & COMMISSIONING CHARGES					
1	509-14000-C	TCP ANODE & BACKFILL:					
		ANODE TYPE -1 (BIDDER TO INDICATE DETAIL)	No		M1		
		ANODE TYPE -2 (BIDDER TO INDICATE DETAIL)	No		M2		
		ANODE TYPE -3 (BIDDER TO INDICATE DETAIL)	No		M3		
		ANODE TYPE -4 (BIDDER TO INDICATE DETAIL)	No		M4		
		ANODE TYPE -5 (BIDDER TO INDICATE DETAIL)	No		M5		
2	509-14000-C	ANODE JUNCTION BOX:					
		JUNCTION /DISTRIBUTION BOX TYPE-1 (BIDDER TO INDICATE DETAIL)	No		M6		
		JUNCTION /DISTRIBUTION BOX TYPE-2 (BIDDER TO INDICATE DETAIL)	No		M7		
		JUNCTION /DISTRIBUTION BOX TYPE-3 (BIDDER TO INDICATE DETAIL)	No		M8		
		JUNCTION /DISTRIBUTION BOX TYPE-4 (BIDDER TO INDICATE DETAIL)	No		M9		
		JUNCTION /DISTRIBUTION BOX TYPE-5 (BIDDER TO INDICATE DETAIL)	No		M10		
3	509-14000-C	CABLE:					
		CABLE TYPE -1 (BIDDER TO INDICATE DETAIL)	Metre		M11		
		CABLE TYPE -2 (BIDDER TO INDICATE DETAIL)	Metre		M12		
		CABLE TYPE -3 (BIDDER TO INDICATE DETAIL)	Metre		M13		
		CABLE TYPE -4 (BIDDER TO INDICATE DETAIL)	Metre		M14		
		CABLE TYPE -5 (BIDDER TO INDICATE DETAIL)	Metre		M15		
		CABLE TYPE -6 (BIDDER TO INDICATE DETAIL)	Metre		M16		
4	509-14000-C	REFERENCE ELECTRODE:					
		REFERENCE ELECTRODE TYPE-1 (BIDDER TO INDICATE DETAIL)	No		M17		
		REFERENCE ELECTRODE TYPE-2 (BIDDER TO INDICATE DETAIL)	No		M18		
		REFERENCE ELECTRODE TYPE-3 (BIDDER TO INDICATE DETAIL)	No		M19		
		REFERENCE ELECTRODE TYPE-4 (BIDDER TO INDICATE DETAIL)	No		M20		
		REFERENCE ELECTRODE TYPE-5 (BIDDER TO INDICATE DETAIL)	No		M21		
5	509-14000-C	THERMIT WELD:					
		THERMIT WELD TYPE-1 (BIDDER TO INDICATE DETAIL)	No		M22		
		THERMIT WELD TYPE-2 (BIDDER TO INDICATE DETAIL)	No		M23		
		THERMIT WELD TYPE-3 (BIDDER TO INDICATE DETAIL)	No		M24		
		THERMIT WELD TYPE-4 (BIDDER TO INDICATE DETAIL)	No		M25		
		THERMIT WELD TYPE-5 (BIDDER TO INDICATE DETAIL)	No		M26		
6	509-14000-C	TRANSFORMER RECTIFIER UNIT:					
		TR UNIT TYPE-1 (BIDDER TO INDICATE DETAIL)	No		M27		
		TR UNIT TYPE-2 (BIDDER TO INDICATE DETAIL)	No		M28		
		TR UNIT TYPE-3 (BIDDER TO INDICATE DETAIL)	No		M29		
		TR UNIT TYPE-4 (BIDDER TO INDICATE DETAIL)	No		M30		
		TR UNIT TYPE-5 (BIDDER TO INDICATE DETAIL)	No		M31		
7	509-14000-C	CATHODE JUNCTION BOX:					
		JUNCTION /DISTRIBUTION BOX TYPE-1 (BIDDER TO INDICATE DETAIL)	No		M32		
		JUNCTION /DISTRIBUTION BOX TYPE-2 (BIDDER TO INDICATE DETAIL)	No		M33		
		JUNCTION /DISTRIBUTION BOX TYPE-3 (BIDDER TO INDICATE DETAIL)	No		M34		
		JUNCTION /DISTRIBUTION BOX TYPE-4 (BIDDER TO INDICATE DETAIL)	No		M35		
		JUNCTION /DISTRIBUTION BOX TYPE-5 (BIDDER TO INDICATE DETAIL)	No		M36		
8	509-14000-C	KIRK CELL WITH OTHER EQUIPMENT FOR HT LINE CROSSING					
		KIRK CELL TYPE -1 (BIDDER TO INDICATE DETAIL)	No		M37		
		KIRK CELL TYPE -2 (BIDDER TO INDICATE DETAIL)	No		M38		
		KIRK CELL TYPE -3 (BIDDER TO INDICATE DETAIL)	No		M39		
		KIRK CELL TYPE -4 (BIDDER TO INDICATE DETAIL)	No		M40		
		KIRK CELL TYPE -5 (BIDDER TO INDICATE DETAIL)	No		M41		
9	509-14000-C	ICCP MMO Anode with Backfill:					
		ANODE TYPE -1 (BIDDER TO INDICATE DETAIL)	No		M42		
		ANODE TYPE -2 (BIDDER TO INDICATE DETAIL)	No		M43		
		ANODE TYPE -3 (BIDDER TO INDICATE DETAIL)	No		M44		
		ANODE TYPE -4 (BIDDER TO INDICATE DETAIL)	No		M45		
		ANODE TYPE -5 (BIDDER TO INDICATE DETAIL)	No		M46		
10	509-14000-C	MISCELLANEOUS ITEMS					
		ITEM -1 (BIDDER TO INDICATE DETAIL)	No		M47		
		ITEM -2 (BIDDER TO INDICATE DETAIL)	No		M48		
		ITEM -3 (BIDDER TO INDICATE DETAIL)	No		M49		
		ITEM -4 (BIDDER TO INDICATE DETAIL)	No		M50		
		ITEM -5 (BIDDER TO INDICATE DETAIL)	No		M51		
		ITEM -6 (BIDDER TO INDICATE DETAIL)	No		M52		
		ITEM -7 (BIDDER TO INDICATE DETAIL)	No		M53		
		ITEM -8 (BIDDER TO INDICATE DETAIL)	No		M54		
		ITEM -9 (BIDDER TO INDICATE DETAIL)	No		M55		
		ITEM -10 (BIDDER TO INDICATE DETAIL)	No		M56		
TOTAL					TOTAL=M1:M56		

SUM OF M1:M56 SHALL BE SAME AS " M" OF MAIN PRICE SCHEDULE

NOTES:

1	BIDDER TO QUOTE THEIR UNIT PRICES IN "UNIT PRICE SCHEDULE" ABOVE.
2	BIDDER TO NOTE THAT PRICE FURNISHED IN MAIN PRICE SHEDULE SHALL BE USED FOR PRICE EVALUATION & ORDERING PURPOSE. HOWEVER IN CASE ACTUAL SUPPLIED QTY AS PER APPROVED DESIGN IS LESS THAN THE QTY INDICATED ABOVE, THEN UNIT PRICES SHALL BE OPERATED FOR REDUCED SUPPLIED OF QTY AND IF THE ACTUAL SUPPLIED QTY AS PER APPROVED DESIGN IS MORE THAN THE QTY INDICATED ABOVE, ADDITIONAL QTY SHALL BE SUPPLIED FREE OF COST.
3	THE UNIT PRICES SHALL ALSO BE USED FOR THE PURPOSE OF ADDITION/ DELETION IN PURCHASE ORDER, IN CASE OF CHANGE IN INPUT/BOQ FURNISHED IN TECH SPEC (ANNEXURE-A) .
4	THE LIST OF SUB ITEMS INDICATED ABOVE IS INDICATIVE. BIDDER TO INDICATE NA FOR THE ITEMS NOT APPLICABLE AS PER THEIR DESIGN REQUIREMENT.