

	<u>Price Bid format</u> <u>[for Main Supply + Mandatory Spares]</u>		Annexure -[B] of PY 56319		
	<u>FPS PLC System</u>		Rev 00		
	Project: Project: 1x660 MW Bhusawal TPS				
BHEL ENQUIRY NO:		Vendor Offer ref no:			
Ref. date:		Ref. date:			
NOTES ::					
1	This document details the price schedule format for the enquiry. No other format will be entertained. Applicable taxes and duties shall be indicated separately in commercial offer.				
2	Duly signed & stamped un-priced price schedule format shall be submitted by vendor in the technical offer as a token of concurrence that price schedule would be submitted in this format. Any tampering / modification / additions, etc. are NOT allowed and not considered binding and is liable for rejection of the offer.				
3	Bidders shall be evaluated on overall L1 basis.				
4	For addition/reduction of quantity, unit rate quoted in the present offer shall be considered during ordering and shall be valid up to execution of the contract to the extent of +10% and -30% of order Value. These would include the cost up to engineering, installation of the item, wiring up in the panel and seamless integration with main system at works/site without any cost implications. All accessories required for this purpose shall be included in the price quoted.				
5	Billing will be as per BOM of actual supplied main equipment (including accessories & services) & spares.				
6	Per diem charges shall be applicable from the day bidder's person reaches site, up to the day he leaves the site.				
7	Unit Rates of the individual package items shall be derived by multiplying the "Unit Price Fixing Factor" with the Lumpsum Price quoted. Unit Rates of the Individual items thus arrived, shall be binding on the bidder, in case of any repeat order/Ammendment of order as per BHEL policies. Observations / Objections, if any, of the Bidder, to the "Unit Price Fixing Factor" shall be brought to the notice of BHEL, during Pre-Bid Stage. No Observations / Objections shall be entertained after the Techno-Commercial Bid is opened.				
8	No of Man Days / no of visits are indicative only. For any addition / deletion / reduction visits/ Man Days, then the Bidder shall provide the service on chargeable basis at the same rate quoted in the price schedule. Hence, the Man Day rate and rate per visit is fixed throughout the contract period and extension, if any				
9	Components/Items for addition / deletion, spares shall be identical to the main equipment.				
10	Unit rates of components would be used for effecting required additions/deletions of main equipment during order execution. These would include the cost up to engineering, installation of the item, wiring up in the panel and seamless integration with main system at works/site without any cost implications. All accessories required for this purpose shall be included in the price quoted.				
10	This list is indicative. Vendor has to include and quote unit rates for all items which are figuring in main supply & mandatory spares. Your offer will NOT be evaluated without unit rates.				
11	This requirement may get deleted. Hence, bidder is requested to provide the price break-up for this scope addition so that this price breakup shall be used for deletion during evaluation / order execution stage.				
12	Prices quoted by bidders for items under Main offer, Vendor Services and Mandatory Spares(ie., Prices (A), (B), (C) shall be considered for evaluation of lowest and successful bidder).				
13	Bidder to Quote Lumpsum price for the total package (A+B+C). Price to be mentioned in the EPS as a lumpsum. Unit prices shall be calculated by BHEL as per the weightage (% of total price(A+B+C)) mentioned in Price format.				
14	The Total Lump price quoted shall be INCLUSIVE of Frieght, Packing & Forwarding and Testing Charge. The Total Lump price quoted shall be EXCLUSIVE of GST, Third party inspection (TPI) and transit Insurance Charge. GST shall be paid extra by BHEL at applicable rates.				

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S. No	Item Description	Quantity [I]	UNITs	Unit Rate (Rs.) [II]	TOTAL PRICE (Rs.) [I*II]	Weightage	Remarks
[A]	FPS PLC - Supply, Design, Engg, Testing & Training - BOM for Material Code - PY9756319020 [MAIN SUPPLY]						
1	PLC Pkg for Fire Protection System (including OWS, OEWS, Remote IO panels + FO cables, Hardwired console, erection materials, special tools & tackles including System Hardware & Software Maintenance, Plant Operation training at site as required)	1	Set			76.122%	
MAIN SUPPLY Total prices (Sub-total of [A]) (Rs.) ::						----- [1]	
[B]	PLC Pkg for Fire Protection System - [Vendor Services]						
1	PY9856319021	Supervision of Erection & Commissioning Services charges at site including lodging, boarding, local travel, insurance, etc. [Unit Rate = Per man day charges]	20	Days		8.232%	
2	PY9856319030	Supervision of Erection & Commissioning visit charges [i.e. travel expenses like travel to & fro from vendors work to site, clearance charges like visa fee, etc.] [Unit rate = per visit travel expenses]	5	Visits		2.375%	
Vendor SERVICES Total prices (Sub-total of [B]) (Rs.) ::						----- [2]	
[C]	PLC Pkg for Fire Protection System - BOM for Material Code -PY9756319038 [Mandatory Spares]						
1	PLC Pkg for Fire Protection System [Mandatory Spares]	1	Set			13.271%	
Mandatory Spares Total prices (Sub-total of [C]) (Rs.) ::						----- [3]	
Total prices for overall L1 evaluation ([1] + [2] + [3]) (Rs.) ::							

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		<u>FPS PLC System</u>	Rev 00	
		Project: 2 x 660 MW UDANGUDI TPS		
S. No	Item Description	Unit Rate (Rs.)	REMARKS	
PLC Pkg for Fire Protection System :: Unit rates of main equipment for addition/deletion as per note-10 above				
1	PLC Controller		Note-11	
2	Power Supply Modules		Note-11	
3	Communication module		Note-11	
4	Analog input module		Note-11	
5	Digital Input Module		Note-11	
6	Digital Output module		Note-11	
7	21" TFT-LCD Operator work station [OWS] without software		Note-11	
8	licensed Softwares		Note-11	
9	Laser Printer (Colour) suitable for A4 size papers		Note-11	
10	Industrail grade Laptop		Note-11	
11	SER Cards		Note-11	
12	All other Electronic modules		Note-11	
13	Field Termination Board [FTB] for I/O Modules		Note-11	
14	Network Items (Network switch / LIU unit / Transceiver / FO Patch card, etc .)		Note-11	
15	Fiber Optic Cable		Note-11	
16	2" rodent proof HDPE conduits		Note-11	
17	Remote IO Panel		Note-11	
18	UPS with Battery		Note-11	
19	Interface cables with connecting plugs for each type of peripherals & I/O hardware		Note-11	
20	Key Board & Cursor control devices + 24" LCD TFT Monitor		Note-11	
21	MCB (Miniature case circuit Breaker)		Note-11	
22	Fuses		Note-11	
23	Racks for housing I/O & Processor modules		Note-11	
24	Prefab inteconnecting cables with connectors		Note-11	
25	Network communictaion cable with end connectors		Note-11	
26	I/O bus cables with connectors for remote I/O units		Note-11	
27	Fibre Optic cable convert / deconverter		Note-11	
28	Cooling fans		Note-11	
29	Loose connectors		Note-11	

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S. No	Item Description	Unit Rate (Rs.)		REMARKS	
30	Relays			Note-11	
31	Isolators			Note-11	
32	Printer cartridges			Note-11	
33	SMPS for printers			Note-11	
34	SVGA cards for printers			Note-11	
35	Read-write CD / DVD			Note-11	
36	Blank CD / DVD			Note-11	
37	Any other Erection / Commissioning material required for completeness of system			Note-11	
38	FO/RS485 converter			Note-11	
39	Interposing Relays (IPRs)			Note-11	
40	Terminal Blocks (For 100 terminals)			Note-11	
41	Training (per manday charges)			Note-11	
43	Field Junction Boxes			Note-11	
44	Indication lamps of all types			Note-11	
45	Bus coupler			Note-11	
46	Interface cards			Note-11	
47	Other Communication Devices			Note-11	
48	CTs, CVTs, VTs, chokes, AC/DC isolators, contactors, timers, relays			Note-11	
49	Fuse free Circuit breakers			Note-11	
50	Electronic modules of all types for 24V DC system			Note-11	
51	Indicators			Note-11	
52	Batteries			Note-11	