

	<u>Price Bid format</u>		Annexure-[C] of PY 56562	
	<u>LDO/HFO PLC System</u>		Rev 00	
	Project: Nalco Damanjodi 18.5 MW STG + 300 TPG Boiler Project			
BHEL ENQUIRY NO : T711U37913			Vendor Offer ref no:	
Ref. date: 19.06.2021			Ref. date:	
NOTES ::				
1	This document details the price schedule format for the enquiry. No other format will be entertained.			
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.			
11	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.			



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S. No	Item Description	Quantity [I]	Units	Unit Rate (Rs.) [II]	TOTAL PRICE (Rs.) [I*II]	Weightage (%) for Calculation of Line Item Prices by BHEL Weightage of each item /unit price fixing factor (Refer Note-7) (%)	Remarks
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[A] NG PLC - Supply, Design, Engg, Testing & Training - [MAIN SUPPLY]

1	PY9756562013	PLC Pkg [MAIN SUPPLY]	1	Set	Shall be calculated by BHEL based on the percentages mentioned in the column on the right.	87.3	
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MAIN SUPPLY Total prices (Sub-total of [A]) (Rs.) :: Shall be calculated by BHEL

----- [1]

[B] PLC Pkg - [Vendor Services]

1	PY9756562021	Supervision of Erection & Commissioning Services charges at site including lodging, boarding, local travel, insurance, etc. [Unit Rate = Per man day charges]	20	Days	Shall be calculated by BHEL based on the percentages mentioned in the column on the right.	10.5	
2	PY9756562030	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]	3	Visits		2.2	

Vendor SERVICES Total prices (Sub-total of [B]) (Rs.) :: Shall be calculated by BHEL

----- [2]

Total prices for overall L1 evaluation ([1] + [2]) (Rs.) ::

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This value to be
quoted (Including
P&F and Freight)

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Unit rates of main equipment for addition/deletion as per note-10 above

S. No	Item Description	Unit Rate (Rs.)	Remarks
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	Work station [OWS] without software		Note-11
8	licensed Softwares		Note-11
9	Laser Printer (Colour) suitable for A4 size papers		Note-11
10	Engg station with all software required for programming.		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		Note-11
15	Fiber Optic Cable		Note-11
16	2" rodent proof HDPE conduits		Note-11
17	Interface cables with connecting plugs for each type of peripherals &		Note-11
18	Key Board & Cursor control devices + 24" LCD TFT Monitor		Note-11
19	MCB (Miniature case circuit Breaker)		Note-11
20	Fuses		Note-11
21	Racks for housing I/O & Processor modules		Note-11
22	Prefab inteconnecting cables with connectors		Note-11
23	Network communicaiton cable with end connectors		Note-11
24	I/O bus cables with connectors for remote I/O units		Note-11
25	Fibre Optic cable convert / deconverter		Note-11
26	Cooling fans		Note-11
27	Loose connectors		Note-11
28	Relays		Note-11
29	Isolators		Note-11
30	Printer cartridges		Note-11
31	SMPS for printers		Note-11
32	SVGA cards for printers		Note-11
33	Read-write CD / DVD		Note-11
34	Blank CD / DVD		Note-11
35	Any other Erection / Commissioning material required for		Note-11
36	FO/RS485 converter		Note-11
37	Interposing Relays (IPRs)		Note-11
38	Terminal Blocks (For 100 terminals)		Note-11
39	Training (per manday charges)		Note-11

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S. No	Item Description	Unit Rate (Rs.)	Remarks
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,		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