


ANNEXURE 1A							
		<b>BHARAT HEAVY ELECTRICALS LIMITED</b> <b>PROJECT ENGINEERING &amp; SYSTEMS DIVISION</b> <b>RAMACHANDRAPURAM: HYDERABAD - 502 032</b>					
PRICE FORMAT (Rev00) FOR SWS ACID GAS KO DRUM PUMP SETs							
PROJECT	525 TPD STANDBY SRU PROJECT IOCL PARADIP REFINERY, ODISHA, INDIA						
CUSTOMER	INDIAN OIL CORPORATION LIMITED PARADIP REFINERY PROJECT, PARADIP, ODISHA						
CONSULTANT	TECHNIP ENERGIES						
ESC	ENGINEERS INDIA LIMITED						
Bidder's Name : <Bidder to indicate>							
Bidder's Offer No. & Dt. : <Bidder to indicate>							
Bidder's Ref No. & Dt. : <Bidder to indicate>							
BHEL Enq. No. & date : <Bidder to indicate>							
Sl.No.	Item Description	Qty.	Unit	Weightage w.r.t Overall Price (In %)	Bidder's confirmation (Quoted/ Not Quoted)	HSN / SAC Code	GST (%)
I	MAIN OFFER						
A	MATERIAL SUPPLY: SWS ACID GAS KO DRUM PUMP SET [Material code: PY9751749042]						
1	Acid Gas KO Drum Pumps with motor along with all accessories including commissioning spares, special tools & tackles, O&M spares required during Defect Liability Period of equipment, first fill of consumables, erection material & documentation, instructions to vendors, data sheets etc. and other codes and standards attached or referred in the specification.	2	Sets	77.44 %			
B	MANDATORY SPARES FOR SWS ACID GAS KO DRUM PUMP SET [Material code: PY9751749050]						
B.1	Spares of Pump			19.34 %			
1	Set of impellers (Full dia) with wear rings fitted)	1	Sets				
2	Shaft with keys	1	Sets				
3	Set of shaft sleeves	1	Sets				
4	Set of case wear rings	3	Sets				
5	Set of impeller wear ring	3	Sets				
6	Set of throat bushing	1	Sets				
7	Set of throttle bushing	1	Sets				
8	Set of gaskets	4	Sets				
9	Set of labyrinths – as applicable	1	Sets				
10	Set of oil seals – as applicable	2	Sets				
11	Set of constant level oiler	1	Sets				
12	Set of deflectors	1	Sets				
13	Impeller nut	2	Sets				
14-a	Set of mechanical seals (complete assembly) With sleeve and gland plate (for cartridge seal)	1	Sets				
14-b	Set of mechanical seals (complete assembly) Without sleeve and gland plate (for cartridge seal)	1	Sets				
15-a	Set of mechanical seal parts: Seal faces (stationary + rotary)* *For bellow type seal, set of faces shall mean face along with bellow	3	Sets				
15-b	Set of mechanical seal parts: Secondary seal	3	Sets				
15-c	Set of mechanical seal parts: Gaskets/O-rings & Packings	4	Sets				
15-d	Set of mechanical seal parts: Springs and pins, screws	2	Sets				
16	Set of gland packings	3	Sets				
17-a	Set of bearing pads (if bearings are tilting pad type): Radial bearing pads	1	Sets				
17-b	Set of bearing pads (if bearings are tilting pad type): Thrust bearing pads	1	Sets				
18	Set of balance drum and balance sleeve insert (if provided)	1	Sets				
19	Set of interstage bushes	1	Sets				
20	Complete coupling (balanced) (only for multistage pumps- pumps with more than 2 stages)	1	Sets				
21	Flushing oil cooler in case of Plan 23	1	Sets				
B.2	Spares of Motor						
1	Set of bearings (DE & NDE both)	1	Sets				
2	Set of Terminal studs / bushing assembly	1	Sets				

B.3	Spares of FLANGES (All flanges including blind flanges)					
1	Gaskets	200% Extra				
2	Bolting	10% Extra				
B.4	Spares of Instruments					
1	Pressure / Temperature Gauges	20% (Subject to min. of 2) of each type, range, material of construction and rating.				
2	Level Gauges	A) For transparent gauges, 20% of illuminators with holder and reflector and 50% of bulbs B) In case of magnetic type level gauges, 20% of bi-color rollers for each gauge to be provided in addition to above. C) 20% subject to minimum two number of glass of each type, size along with pair of Gaskets (Cushion & Wet Gaskets)				
3	Orifice Plates	10% or minimum 1 of blind plates of each size, rating, thickness & material of construction				
4	SMART (4-20m A & FF) Transmitters for Pressure, Flow (DP), Level(DP), Differential pressure(DP) and Temperature	10% (subject to minimum of 1) of each type, range, make and material of construction.				
5	Valve manifolds	10% (subject to minimum of 1) of each type, size and material of construction.				
6	Guided wave Radar Level Instrument	10% or minimum one number of full set of transmitter				
7	Safety/ Thermal Relief Valves	A) 10%(subject to minimum 1 no.)				
C	Supervison charges for erection & commissioning at site [Material code:PY9751749069]					
1	Supervison charges for erection & commissioning shall include the following: 1. Per diem charge of for supervision of erection & commissioning of Pump set package. 2. Charges for 1 visit Note: The above shall also include all other expenses like boarding, lodging, local travel, insurance, travel expenses (inclusive of all other charges like visa fee (if applicable), insurance etc) from / to vendor works to site for Engineer. [Refer Note 11]	5 Days and 1 Visit	3.22%			
	Grand total price for SL.No. A, B and C (Inclusive of Packing & Forwarding and Freight)		100.00%			
Packing & Forwarding, Frieght, Insurance and GST :						
(I) For Supply:						
(i)	Packing & Forwarding :	In bidder's scope	Included in basic price			
(ii)	Frieght:	In bidder's scope	Included in basic price			
(iii)	Insurance:	In BHEL's scope	--			
(iv)	GST	Extra at actuals	Extra at actuals			
(v)	Any other:	shall be included in basic price	Included in basic price			
(II) For supervision of E&C:						
(i)	GST	Extra at actuals	Extra at actuals			
(ii)	Any other:	shall be included in basic price	Included in basic price			
Notes:						
1	Bidders should quote the Total Bid Value in both in figures & words in the specified place.					
2	Bidders should mention the applicable HSN/SAC code along with GST% against respective line items.					
3	Bidders shall NOT fill/edit/modify anything else in the Price Bid Format.					
4	The rates of line items mentioned in the Price Format shall be derived by BHEL by multiplying the Total Bid Value quoted by the Bidder with the Weightage Factor assigned against respective line items. The rate of each item shall be rounded off to the next 1 (one) Indian paise.					
5	The Total Bid Value quoted by the Bidder shall represent the total landed cost for this enquiry and shall include Packing & Forwarding Charges, Freight and all applicable taxes and duties, other than GST. GST shall be paid extra by BHEL at applicable rates.					
6	Evaluation shall be done on the basis of total bid value (Grand Total Price as above) i.e. the total landed cost to BHEL for this enquiry.					
7	The bidders will also provide UN-PRICED PRICE FORMAT strictly in the BHEL price format given above, in the techno commercial part of their offers. BID WILL BE REJECTED IF ANY OTHER PRICE FORMAT IS USED. Both priced and un-priced price formats to be provided by the bidders shall be signed and stamped copies.					

8	Bidder to quote strictly as per BHEL's NIT requirements.
9	Bidder to note that this is a LUMP SUM Turn-Key Order. However (a) Changes to the tender specification during execution of the project for successful operation of the system need to be carried out by bidder and commercial implications if any will be settled suitably. (b) Unit rates quoted by bidder shall be applicable for any changes in BOQ during detailed engineering stage.
10	<b>Main offer (Annexure-1B)</b> consists of those items which will be part of main order after successful bidder is identified. <b>Optional Items (Annexure-1B-I)</b> consists of those items which need to be quoted by bidder but may or may not be ordered by BHEL. Bidders are instructed to provide the pricing details listed under <b>Main offer and Optional items</b> as per the prescribed format.
11	Prices quoted by bidders for items under main offer : Sl. No.I(A+B+C) will be considered for evaluation of lowest bidder. For the purpose of tender (L1 bidder evaluation) following shall be noted:  Referring to Sl no C- Supervision charges for Pump set package, For the purpose of Quotation, total no of 5 man days (92.1% of price quoted against sl no C) for Pump set package will be covered in 1 visit (7.9% of price quoted against sl no C) have been considered and payment against Sl.No C above shall be made as per the actual number of visits and man days required for the supervision of the complete E&C activities as per these diem rates. Purchase Order for supply of main items, ( A to B) shall be placed by BHEL- PE&SD Hyderabad. For Supervision of E&C, LOI shall be placed by PE&SD and PO By PE&SD-site.  However, BHEL reserves the right (a) To include any of the optional items in scope of supply (as per customer contract requirements) and accordingly consider the same in evaluation. Any such scope increase and change in evaluation will be intimated to vendor during technical evaluation(before price bid opening). (b) To place PO for any of the Optional items with in the contract period. Hence bidders need to mandatorily quote reasonable prices for all optional items considering such requirement and keep the validity of the prices till the end of contract period.
12	a) For all items including Optional items, prices to be furnished in this prescribed price bid format only for each individual item. The price to be quoted against Sl.No. A to C shall be Weighed w.r.t Overall Price as mentioned above. No combined prices, common prices or any other format will be accepted and such bids may be liable for rejection. b) Bidder must NOT change the indicated item description, quantity & units in the price bid format. Bidder should only fill the unit rates & total price. c) Bidder to quote for ALL the items as per price bid format. Incomplete/partial offer may be liable for rejection.
13	a.) Commissioning spares are those spares which are required at the time of commissioning and shall be recommended (as per bidder's experience) and quoted by bidder. However commissioning spares indicated in the price bid format shall be quoted as minimum. b) Commissioning spare consumed over and above the recommended commissioning spares, during commissioning shall be supplied free of cost by the equipment vendor.
14	<b>With respect to Mandatory Spares,</b> A) If any of above items indicated by the specified name are not applicable, bidder to offer alternative item serving the same function as per equipment's design and indicate below the item being replaced. B) If bidder is not able to meet the above note, then bidder may mention "Not Applicable". However, if found applicable during detailed engg. stage or alternative item as per equipment design can serve the same function, bidder to supply the specified quantity with out any delivery and commercial implications to BHEL.
15	Reference document: <b>B366-088-PA-MR-5001 &amp; annexures.</b>
16	Unpriced price bid format indicating as "Quoted" against each applicable item shall be submitted duly signed & stamped along with technical offer by bidder as a token of concurrence that prices are submitted in this format only. The offer shall be liable for rejection in case if un-priced price bid format is not submitted or any modification is carried out in price bid format.
17	<b>In case the systems are being supplied from outside India,</b> Following Third Party Inspection to be followed: a. M/s ABS Industrial Verification Private Limited b. M/s Bureau Veritas (India) Pvt. Ltd. c. M/s Certification Engineers International Limited d. M/s International Certification Services Private Limited e. M/s IR Class systems and Solutions Pvt. Ltd. f. M/s Projects and Development India Ltd. g. M/s SGS India Private Limited h. M/s TATA Project Limited i. M/s TUV SUD South Asia Pvt. Ltd. j. M/s VCS Quality Services Private Limited  The charges should be included in the Main offer. For those bidders who are supplying from India, such third party inspection charges need not be considered and same will be arranged by BHEL/BHEL nominated inspection agency.