То,		REQUEST FOR	ΟΠΟΤΑΤΙΟΝ
M/s. BPCL ESTIMATE			Number/ Purchase Group
MUMBAI . India -			46-DHT SER PROC
Ph:,Fax:.		Contact person,	
Vendor Code: 300648		SINARE ANUP/02	-
		Fax : -	
		Email:sinarean	up@bharatpetroleum.in
		Our ref.:	
RFQ No/Date: 600105	54800 / 18.05.2017	Quotation Due I	Date/Time:24.05.2017/12:00:00
	vices required at: PETROLEUM CORPN. LTD		
MAHUL,	ERI		
MUMBAI - 400	074		
India	074		
	ING WORKS FOR CDU3 R	EVAMP JOBS AT BP	CL, MUMBAI REFINERY.
https://bpcl	ted to quote online e eproc.in on "Two-Bide der Documents.	-	rocurement website subject work as per the
Maharashtra (KKC), which submission of Your rates s Service Tax, rate of tota information Bharat Cess, Service Tax,	VAT, Service Tax, Swa shall be quoted sepa f this FORM-A along w hall remain firm till Swachh Bharat Cess, l quoted price shall is not provided, it w Krishi Kalyan Cess a	achh Bharat Cess arately in attac with Technical / l completion of Krishi Kalyan C be clearly ment will be assumed and MVAT is not	icable taxes and duties except (SBC) and Krishi Kalyan Cess thed Form-A. Please note that Unpriced Bid is mandatory. work. The applicability of tess and MVAT as a percentage tioned in the Form-A. If the that Service Tax, Swachh applicable. No claim for the tess and MVAT will be
after verifig invoice. Brea in all your number, cates	ying Service tax reg ak up of basic cost, invoices along with a	istration number Service tax, SE service tax regi ice (service tax	ess and MVAT shall be paid and MVAT TIN number in C, KKC, MVAT shall be provided stration number, MVAT TIN c category), type of company
and MVAT with against subm way of releva beyond the co increase in	hin the contractual of ission of documentary ant notification. How ontractual date, for	completion peric y evidence for s wever in case of reasons attribu borne by the co	wharat Cess, Krishi Kalyan Cess ad shall be to BPCL account, substantiating the variation by delay in completion period stable to contractor, any ontractor, whereas any decrease
lieu of one	or more of the then a	existing taxes o	ervices by VENDOR to OWNER in or as a new tax altogether and
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the rate and impact of the new taxes is less than the rate and impact of existing tax or taxes which it replaces, VENDOR shall pass on to OWNER the benefit thereof by way of commensurate reduction in the amount payable by the OWNER to VENDOR. If on the other hand, the rate of the new taxes is in excess than the rate of the new taxes it replaces, the OWNER on satisfactory proof shall reimburse the VENDOR the additional tax paid by the VENDOR as the result of the imposition of the new taxes provided they are within the contractual completion date.

Explanation: For the purpose of above clause, impact means and includes the addition/reduction of taxes suffered on inputs, input services & capital goods. Further, impact of stranded taxes like CST on Interstate purchases, entry tax/octroi, etc (if applicable) also needs to be considered."

"The vendor shall take steps viz uploading invoice in GSTR 1 , payment of the tax liability on the said invoices and filing of Returns etc. and comply with all the requirements of applicable laws including GST laws for the time being in force to enable the OWNER to avail tax credit/s including input tax credit. Any loss or non-availability of input tax credit by the OWNER due to non-compliance of applicable tax laws including but not limited to GST laws in force or otherwise, on the part of VENDOR, an amount equivalent to any tax liability accruing to the OWNER and/or to the extent of any loss accrued to the OWNER due to the non-availability of input tax credit or any liability accrued to the non-availability of input tax credit or any liability accrued to the OWNER shall either stand cancelled or deducted from the payment due to the VENDOR or shall be reimbursed by the VENDOR as the case may be till such default is either rectified or made good by the VENDOR and the OWNER is satisfied that it is in a position to claim valid input tax credit within the time-lines as per applicable laws.

Any cost, liability, dues, penalty, fees, interest as the case may be which accrues to the OWNER at any point of time on account of non-compliance of applicable tax laws or rules or regulations thereof or otherwise due to default on the part of VENDOR shall be borne by the VENDOR. An amount equivalent to such cost, liability, dues, penalty, fees, interest as the case may be shall be reimbursed by the VENDOR within 30 days. Any GST as may be applicable on such recovery of amount shall also be borne by VENDOR and same shall be collected by the OWNER."

VALIDITY : Your quotation shall be valid for period of 120 Days from the Quotation due date/ extended due date whichaver is later.

Submission of tenders on line:

Bidders are requested to submit / upload their UNPRICED & PRICED BIDS along with all required documents, on or before the due date by 12.00 hrs., on BPCL E-Procurement website https://bpcleproc.in maintained by M/s. E-procurement Technologies Ltd. For submitting the digitally signed copy of the unpriced tender documents as token of acceptance, bidders are required to put tick mark against tender documents in the "Bid common forms" of the E-Tender. In case nothing is mentioned regarding acceptance of the documents in separate

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attachment titled 'DEVIATIONS', it will be assumed that all tender documents are acceptable to the bidders. In case of any discrepency between SOR details in RFQ document and SOR document of E-tender, the details in RFQ document shall supersede.

For any assistance regarding online submission of bids on BPCL E-Procurement web site, you may contact ON +91-22-65354113, 65595111, on all working days (Mon - Fri) between 0900 hrs to 1700 hrs.

Hard copies of the bids shall not be submitted, unless specially asked for by BPCL and the same if submitted shall not be considered for evaluation. The PRICED BID shall be submitted online as per the pricing format given.

DEVIATION :

You are requested to have all your queries clarified before bidding. However, if you still have deviations from our RFQ and the attachments (specifications / scope of work / Drawings) etc. please indicate deviations in your offer under a separate attachment titled 'DEVIATIONS' giving reference to RFQ clause no. Deviations appearing in separate attachment of the E-Tender titled 'DEVIATIONS' shall only be considered while evaluating the offer. In case there are no deviations, please submit "NIL DEVIATIONS". Deviations mentioned elsewhere shall not be considered for evaluation.

NEFT PAYMENT:

Payments to contractors etc. shall be made by National Electronic Fund Transfer (NEFT) only. Payment by cheque will be made only to those vendors whose bank is located in the city where NEFT payment facility is presently not available. Bids received from vendors who are not accepting the NEFT payment terms are likely to be rejected.

MSME CLAUSE:

Owner reserves its right to allow Public Sector Enterprises (Central/ State), purchase preference as admissible/ applicable from time to time under the existing Government policy. Purchase preference to a PSE shall be decided based on the price quoted by PSE as compared to L1 Vendor at the time of evaluation of the price bid.

Clause regarding purchase preference to Micro and Small Enterprises

Owner reserves its right to allow Micro and Small Enterprises (MSEs) and MSEs owned by Scheduled Caste (SC) or the Scheduled tribe (ST) entrepreneurs, purchase preference as admissible/ applicable from time to time under the existing Government policy. Purchase preference to a MSE and a MSE owned by SC/ ST entrepreneurs shall be decided based on the Net Evaluated Price quoted by the said MSEs as compared to L1 Vendor at the time of evaluation of the price bid, in case the contract is divisible. Bidders claiming purchase preference as MSE need to submit the following documents:

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a. Notarized copy of all the pages of the EM-II certificate issued by the appropriate authorities mentioned in the Public procurement policy of MSEs-2012. b. Vendors' declaration on a duly notarized Rs.100 stamp paper stating that, in the event of award of contract, all the ordered supplies shall be made from the unit for which MSE certificate has been submitted. The photocopy of the Valid MSE registration with any notified body specified by ministry of micro, small and medium enterprises should accompany the bid documents. Failing which no price preference will be considered in such cases. The Net Evaluated Price is the all inclusive delivered price. Net Evaluated Price = Quoted Basic Price + Excise duty + Freight +local taxes and duties+ Octroi Charges and /or entry tax less Cenvat Benefits on Excise and Input Tax Credit on VAT. Clause regarding ISO Certification and adherence: BPCL Mumbai Refinery is an ISO:50001:2011 certified Refinery and is focused on energy efficiency. In line with the same, all contractors providing services for BPCL Mumbai Refinery should preferably deploy energy efficient equipments such as energy efficient welding machines, LED / CFL temporary lighting and temporary window AC of BEE 4-star rating and above for execution of the work. Please submit folowing details in the E-Tender attachment titled "reply of point no.13 of special safety conditions" along with techno-commercial bid :a) Complete work injury records per year for the last three years. Total man-hours worked per year for the last three years. b) Safety assurance plan. C) d) No. of supervisors e) No. of skilled workmen f) No. of unskilled workmen In case, reply to Point No.13 is not submitted, bids are likely to be rejected/ bids may not be considered for technical evaluation. In case of any clarification, please contact BPCL Project Manager, Mr. Tanuj Saxena, Manager Projects on Tel- 022-25533342 Extn: 3342. _____ The details of IEM (Independent External Monitor) as mentioned in section 8 of our Integrity pact attached: Name of IEM: Shri. Brahm Dutt Address: A-1/8 Safdarjung Enclave, New Delhi-110 029. Mobile: 09871920282. E-Mail: dutt.brahm@gmail.com The details of Purchasing / Procuring Officer:

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 For Bharat Petroleum Corporation Ltd.

	Name of procuring officer: Mr. Anup Sina	are	
	office address : P&CS Department, A	dmin Building,	
	BPCL, Mahul Refinery, Mumbai-400074.		
		59, Mo. 9619327662.	
tem	Material Qty Description	Unit Delivery date	Unit Basic Rate (in Figures)
0010	Piping works for CDU-3 Revamp jobs	31.08.2017	
The i	tem 00010 covers the following services:		
10	200	IND	
	Welding CS pipe Non IBR Butt Weld	(Inch Diameter)	
	PIPING NON IBR(ABOVE GROUND):-Transporta storage point to work site/work shop; fa preparation, (inclusive of grinding the to match with the mating edges of unever required); fitup, bending, preheating wh	abrication includin edges of pipe, fit n/different thickne	g cutting, edge tings, flanges etc. ss wherever elding, threading,

India (200649)

100020

to all pipes before hydro-testing at exit points of Units for earthing purpose; alignment, cleaning & flushing by water/compressed air, performing Positive Material Identification(PMI) using alloy analysers, completing all such works in all respects (including preparation of As built isometrics) as per the specifications, drawings and instructions of Engineer-in-Charge. PMI shall be performed by third party as defined in PMI spec. Rates for tubing (if any) shall include rates for valves, fittings, all in line instruments and testing etc. Carbon steel piping includes piping of all services including NACE service, H2 service, LTCS piping etc. Quoted rate should include scaffolding at all elevations and locations, arranging all necessary equipments and tools to carry out the job.

required & all other inline instruments and fittings, like elbows, reducers, tees, piping specials such as mitres and fabricated fittings, vents, drains (including reinforcing pads - mesurement for RF pads will be paid twice the branch size), SW valves upto 1.5 NB, Steam Supply/ Condensate Recovery

stations(Cast/Fabricated), Supply & welding of Strip as per EIL Std 7-51-0112

Service Item 10: Unit basic rate in words _____

200INDWelding CS pipe Non IBR Fillet Weld(Inch Diameter)

PIPING NON IBR(ABOVE GROUND):-Transportation of all piping items from Owner's storage point to work site/work shop; fabrication including cutting, edge

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MITMDAT

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Item	Material	Qty	Unit	Unit Basic Rate
nem	Description	Qty	Delivery date	
	to match with the required); fitup, and laying of pipe racks and at all e steam traps, orifi pressure gauges, t and fixing of gask required & all oth tees, piping speci (including reinfor branch size), SW v stations(Cast/Fabr to all pipes befor purpose; alignment Positive Material such works in all per the specificat shall be performed any) shall include testing etc. Carbo NACE service, H2 s scaffolding at all	usive of grinding the edges mating edges of uneven/diff bending, preheating whereve s of all types and thicknes levations, connecting with ce assemblies, spray nozzle hermowells, sample connecti ets, bolts, nuts including er inline instruments and f als such as mitres and fabr cing pads - mesurement for alves upto 1.5 NB, Steam Su icated), Supply & welding c e hydro-testing at exit poi , cleaning & flushing by wa Identification(PMI) using a respects (including prepara ions, drawings and instruct by third party as defined rates for valves, fittings n steel piping includes pip ervice, LTCS piping etc. Qu elevations and locations, ls to carry out the job.	erent thickn er required, as over sleep equipment no es, rotameter cons, springs application fittings, lik icated fitti RF pads will apply/ Conden of Strip as p nts of Units ter/compress lloy analyse tion of As b ions of Engi in PMI spec. all in lin ping of all s noted rate sh	welding, threading, welding, threading, pers, overhead on ozzles, strainers, rs, tappings for s, sample coolers etc of torque wherever te elbows, reducers, engs, vents, drains be paid twice the sate Recovery per EIL Std 7-51-0112 of or earthing rs, completing all ouilt isometrics) as eneer-in-Charge. PMI Rates for tubing (in the instruments and pervices including nould include
	Service Item 20: U	nit basic rate in words		
30		1,000	IND	
30	Welding AS (BW) pi	pe upto14" Thk 10-20mm	(Inch Dia	meter)
	storage point to w preparation, (incl to match with the required); fitup, and laying of pipe racks and at all e steam traps, orifi pressure gauges, t and fixing of gask required & all oth tees, piping speci (including reinfor	OVE GROUND):-Transportation ork site/work shop; fabrica usive of grinding the edges mating edges of uneven/diff bending, preheating whereve s of all types and thicknes levations, connecting with ce assemblies, spray nozzle hermowells, sample connecti ets, bolts, nuts including er inline instruments and f als such as mitres and fabr cing pads - mesurement for alves upto 1.5 NB, Steam Su	tion includi of pipe, fi erent thickn er required, sover sleep equipment no es, rotameter ons, springs application fittings, lik ricated fitti RF pads will	ing cutting, edge ittings, flanges etc. wess wherever welding, threading, pers, overhead on ozzles, strainers, rs, tappings for s, sample coolers etc of torque wherever ie elbows, reducers, ings, vents, drains be paid twice the
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Description stations(Cast/Fabricated), Supply & w to all pipes before hydro-testing at purpose; alignment, cleaning & flush: Positive Material Identification(PMI such works in all respects (including per the specifications, drawings and shall be performed by third party as any) shall include rates for valves, testing etc. Carbon steel piping inc. NACE service, H2 service, LTCS piping scaffolding at all elevations and log equipments and tools to carry out the	exit points of M ng by water/comp using alloy and preparation of instructions of defined in PMI s fittings, all in udes piping of a getc. Quoted rat	as per EIL Std 7-51-0112 Units for earthing pressed air, performing alysers, completing all As built isometrics) as Engineer-in-Charge. PMI spec. Rates for tubing (i n line instruments and all services including
Service Item 30: Unit basic rate in v		
40 10 Welding AS pipe NON IBR Fillet weld	0 IND (Inch Diam	meter)
PIPING NON IBR (ABOVE GROUND):-Transport storage point to work site/work shop preparation, (inclusive of grinding to match with the mating edges of und required); fitup, bending, preheating and laying of pipes of all types and racks and at all elevations, connect: steam traps, orifice assemblies, spra pressure gauges, thermowells, sample and fixing of gaskets, bolts, nuts in required & all other inline instrument tees, piping specials such as mitres (including reinforcing pads - mesured branch size), SW valves upto 1.5 NB, stations(Cast/Fabricated), Supply & v to all pipes before hydro-testing at purpose; alignment, cleaning & flush:	fabrication ind the edges of pipe even/different the wherever requise thickness over a ong with equipment y nozzles, rotan connections, spectrum to and fittings and fabricated a nent for RF pads Steam Supply/ Co yelding of Strip exit points of N	cluding cutting, edge e, fittings, flanges etc. hickness wherever red, welding, threading, sleepers, overhead on nt nozzles, strainers, meters, tappings for rings, sample coolers etc tion of torque wherever , like elbows, reducers, fittings, vents, drains will be paid twice the ondensate Recovery as per EIL Std 7-51-0112 Units for earthing

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ltem	Material Description	Qty	Unit Delivery det	Unit Basic Rate
	Description		Delivery dat	e (in Figures)
	Service Item 40: U	it basic rate in words _		
50		1,200	IND	
50	Welding AS (BW) pi	e 16"-24" Thk 20-30mm		iameter)
	storage point to w preparation, (incl to match with the required); fitup, and laying of pipe racks and at all e steam traps, orifi pressure gauges, t and fixing of gask required & all oth tees, piping speci (including reinfor branch size), SW v stations(Cast/Fabr to all pipes befor purpose; alignment Positive Material such works in all per the specificat shall be performed any) shall include testing etc. Carbo NACE service, H2 s	VE GROUND):-Transportation of grinding the edge ating edges of uneven/di- ending, preheating where of all types and thick evations, connecting wite e assemblies, spray nozz ermowells, sample connec- ts, bolts, nuts including of all types and thick e assemblies, spray nozz ermowells, sample connec- ts, bolts, nuts including in in instruments and is such as mitres and fa- ing pads - mesurement for lyes upto 1.5 NB, Steam cated), Supply & welding hydro-testing at exit p cleaning & flushing by dentification(PMI) using espects (including prepa- ons, drawings and instru- by third party as define rates for valves, fitting steel piping includes p rvice, LTCS piping etc. elevations and locations a to carry out the job.	cation inclu- ges of pipe, fferent thic ever required less over sle th equipment cles, rotamet cles, sprin cles, sprin cles,	ding cutting, edge fittings, flanges etc. kness wherever , welding, threading, epers, overhead on nozzles, strainers, ers, tappings for gs, sample coolers etc. n of torque wherever ike elbows, reducers, tings, vents, drains ll be paid twice the ensate Recovery per EIL Std 7-51-0112 ts for earthing ssed air, performing sers, completing all built isometrics) as gineer-in-Charge. PMI c. Rates for tubing (if ine instruments and services including should include
	Service Item 50: U	it basic rate in words _		
60		3,000	INM	
00	Erection of AS pip		Inch Meter)	
	alignment and maki heights. Quoted ra	for erection of pipelin g of flange joints/ prim e should include scaffol g all necessary equipmen	ary supports ding at all	/ clamps etc for all elevations and

То:М	/s. BPCL ESTIMATE M	IUMBAI - 400038	India	(300648	;)	
ltem	Material Description		Qty	Un Del	it livery date	Unit Basic Rate (in Figures)
	Service Item 60: U	nit basic rate i	n words			
70	Valves Removal/ Er	ection (upto 600	100 #)	INI (Inch	D Diameter)	
	including check va valves/ relief val	lves/ globe valv ves (for relief l elevation and include scaffol	es/ plu valves, heights ding at	g valve paymen as dir all el	s/ gate va t will be ected by E evations a	made as per larger ngineer-in-charge. nd locations,
	Service Item 70: U	nit basic rate i	n words			
80	Pipe Supports for	CS (Owner Suppli	1.000	MT (Tonne)		
	stiffeners as per application one co providing necessar owner's storage po instructions of En	clamps(of all si turn buckles, s rosion pads & pr drawings, T post at of primer, al y scaffolding, r ints and complet gineer-in-charge ignment during p	zes/thi addles, otectio etc. o l neces eturnin ing wor . Modif re-comm	cknesse guides n shiel f all t sary eq g surpl k as pe ication	s manufact , special ds), provi ypes inclu uipments, us materia r drawings s/rectific	ured by forming supports, ding and welding o:
	Service Item 80: U	nit basic rate i	n words			
90	Pipe Supports for	AS (Owner Suppli	1.000	MT (Tonne)	s)	
	Fabrication, erect cradles, hangers, method using die), pads(including cor	clamps(of all si turn buckles, s	zes/thi addles,	cknesse guides	s manufact , special	ured by forming
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To:M/s.	BPCL	ESTIMATE	MUMBAI	-	400038	India	(300648)
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Hore	Motorial	04	11		Unit Desic Dete
ltem	Material Description	Qty	Un Del	it livery date	Unit Basic Rate (in Figures)
	application one co providing necessar owner's storage po instructions of En	drawings, T post etc. of at of primer, all necess y scaffolding, returning ints and completing work gineer-in-charge. Modifie ignment during pre-commis gineer-in-charge.	ary eq surpl as pe cation	uipments, us materia r drawings s/rectific	consumables, labour, als and scrap etc to s, specifications and cations, if required
	Service Item 90: U	nit basic rate in words .			
100		1.000	MT		
100	CS Str. Steel (Con		Tonne	s)	
	like shoes, cradle forming method usi pads (including co stiffeners as per application one co providing necessar specifications and Modifications/rect pre-commissioning, Engineer-in-charge	Unit basic rate in words	ll siz addles n shie all t ary eq ting w r-in-c and a e inst	es/thickne , guides, lds), prov ypes inclu uipments, ork as per harge. djustment/	esses manufactured by special supports, viding and welding of uding supply and consumables, labor, c drawings, / alignment during
110	Hardness Test	100	INI Inch I) Diameter)	
	for on shop / site materials, instrum gadgets, skilled / scaffolding at a respects as per sp joints under this not meet the hardn	ess testing of weld join fabricated already erect ent set., providing all unskilled labour, specia ll elevations and locat ecifications and instruct head do not include Strea ess requirement as per sp or's cost. No separate pa	ted sy normal alist, ions a tions ss Rel pec sh	stem inclu & special supervise nd complet of enginee ieved joir all be str	ading supply of all l equipment and bry staff, ting the work in all er-in-charge. The hts. Joints which do cess relieved and re
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	/s. BPCL ESTIMATE M	1UMBAI - 400038 India (3		,	
ltem	Material Description	Qty	Un De	it livery date	Unit Basic Rate (in Figures)
		Unit basic rate in words		-	
120		2,200	IN	C	
	Stress Relieving	(Inch	Diameter)	
	attachment welds (applicable, on all already erected sy recording devices, normal & special e supervisory staff, completing the wor Engineer-in-Charge any other account after submission a	s relieving of weld joint corrosion pads, protection types of piping as called stem including supply of insulation materials, in equipment and gadgets, ski scaffolding at all elect in all respects as per c. Repeat performance due shall be on Contractor's and approval of charts. St indness and no separate pay	on shi ed for all m hstrum illed/ evatio speci to de cost. cress	elds, supp on shop/s aterials, ents etc. unskilled ns and lo fications fective st Payment s relieving	ports, etc.), as site fabricated consumables , providing all labour, specialist, ocations and and instructions of tress relieving or shall be done only shall be followed by
120	Service Item 120:	Unit basic rate in words			
130	Modification Flame	50 Cutting AS Pipe (INI Inch) Diameter)	
	thickness in shop, elevations; transp storage point to w consumables, machi	lifferent sizes of AS (IBF in position, on ground/o portation of pipes, fittin york site/ work shop, makinery, tools, tackles, lak for completing the work a	overhe ngs, f ing ne pour a	ad on rac langes etc cessary so nd superv:	c and at all c from owner's caffoldings, ision including
	Service Item 130:	Unit basic rate in words			
140	Modification Hacks	50 aw Cutting AS Pipe	IN (Inch) Diameter)
		different sizes of AS (] hop, in position, on grou			
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tem	Material Description	G		nit elivery date	Unit Basic Rate (in Figures)
	elevations; transp storage point to w consumables, machi attending repairs Engineer-in-charge	ork site/ work sho nery, tools, tack for completing the	, fittings, op, making n les, labour	flanges etc ecessary sc and supervi	c from owner's caffoldings, sion including
	Service Item 140:	Unit basic rate ir	n words		
150	Modification Bevel			ID nch Diamet	er)
	Beveling of differ thickness in shop, elevations; transp storage point to w consumables, machi attending repairs Engineer-in-charge	in position, on g ortation of pipes, ork site/ work sho nery, tools, tack for completing the	ground/overh , fittings, op, making n les, labour	ead on rack flanges etc ecessary sc and supervi	and at all from owner's affoldings, sion including
	Service Item 150:	Unit basic rate ir	n words		
160	Service Item 150: Modification Fitup	5	50 II	ID n Diameter)	
160		E & Welding AS Pipe different sizes of hop, in position, ortation of pipes, ork site/ work sho nery, tools, tack	50 If e (Inc of AS (IBR / on ground/o , fittings, op, making n Les, labour	ID h Diameter) NON IBR) pi verhead on flanges etc ecessary so and supervi	ping of all types rack and at all from owner's affoldings, sion including
160	Modification Fitup Fitup & Welding of and thickness in s elevations; transp storage point to w consumables, machi attending repairs	5 & Welding AS Pipe different sizes of hop, in position, ortation of pipes, ork site/ work sho nery, tools, tack for completing the	50 In c (Inc of AS (IBR / on ground/o , fittings, op, making n les, labour e work as pe	ID h Diameter) NON IBR) pi verhead on flanges etc ecessary so and supervi	ping of all types rack and at all from owner's affoldings, sion including
160	Modification Fitup Fitup & Welding of and thickness in s elevations; transp storage point to w consumables, machi attending repairs Engineer-in-charge	5 & Welding AS Pipe different sizes of hop, in position, ortation of pipes, ork site/ work sho nery, tools, tack for completing the Unit basic rate in	50 II 50 II 50 (Inc 50 on ground/o 50 on g	ID h Diameter) NON IBR) pi verhead on flanges etc ecessary so and supervi	ping of all types rack and at all from owner's affoldings, sion including
	Modification Fitup Fitup & Welding of and thickness in s elevations; transp storage point to w consumables, machi attending repairs Engineer-in-charge Service Item 160:	& Welding AS Pipe different sizes of hop, in position, ortation of pipes, ork site/ work sho nery, tools, tack for completing the Unit basic rate in 2 CS/AS	50 If e (Inc of AS (IBR / on ground/o , fittings, op, making n Les, labour e work as pe n words n words 200 If (Inch	ID n Diameter) NON IBR) pi verhead on flanges etc ecessary so and supervi r the instr m M Meter)	ping of all types rack and at all from owner's saffoldings, sion including ruction of

ltem	Material Description		nit Unit Basic Rate elivery date (in Figures)
	elevations, includ purging of the lin pipe lines whereve removal of insulat all fittings and f length for transpo all materials to s by Owner/EIL inclu scrap yard/ outsid should include sca	es to be removed, unbolting o r required, installation of f ion from insulated lines, rem langes, instruments etc, cutt rting purposes, cleaning, flu torage point(within the compl ding stacking of material and	wher for draining, cleaning and f flanged joints /cutting of langes and blind flanges, noving supports, steam tracers, ing of pipes in appropriate shing, drying and transporting ex battery limits) designated disposing of waste etc to ngineer-in-charge. Quoted rate d locations, arranging all
	Service Item 170:	Unit basic rate in words	
180	Semi Skilled (With		DY ays)
	Carrying out Pre-commissioning /Commissioning activities such as dropp valves, control valves and spool pieces, air and water flushing and air-blasting, steam blowing, air drying, re-installing the valves, con valves and spool pieces, leak testing etc. as per pre-commissioning / commissioning specification/ procedure and instruction of Engineer-in- including supply of necessary hand tools, equipments/ machinery, consu (electrodes, filler wire, gas, card board, target plate, scaffolding e wherever required) and with single point responsibility of Contractor' supervision. Note : This manpower will be utilized for Pre-commissioni Commissioning requirement over and above that already described elsewh this SOR. One Man day is 12 hour duty. Semi Skilled workers includes Supervisor & rigger		d water flushing and talling the valves, control er pre-commissioning / ruction of Engineer-in-charge ments/ machinery, consumables et plate, scaffolding etc. sibility of Contractor's zed for Pre-commissioning & lready described elsewhere in
	Service Item 180:	Unit basic rate in words	
190	Helper/ Unskilled	50 MI (Mand	DY ays)
	valves, control va air-blasting, stea valves and spool p	lves and spool pieces, air an m blowing, air drying, re-ins ieces, leak testing etc. as p	talling the valves, control
	Page 13 of 22	Vendor Sign & Stamp	For Bharat Petroleum Corporation Ltd.

То:М/	S. BPCL ESTIMATE M	WMBAI - 400038 India	(300648	3)	
ltem	Material Description	Qty	Un De	it livery date	Unit Basic Rate (in Figures)
	including supply o (electrodes, fille wherever required) supervision. Note Commissioning requ	f necessary hand tools r wire, gas, card boar and with single point : This manpower will b irement over and above day is 12 hour duty. U nder/rigger	, equipm d, targe respons e utiliz that al	ents/ mac t plate, ibility o ed for Pr ready des	hinery, consumables scaffolding etc. f Contractor's e-commissioning & cribed elsewhere in
	Service Item 190:	Unit basic rate in wor	ds		
200		5		2	
	Equipment hiring -	Trailer/Truck/ Canter			12 Hours)
	support in shiftin	shift for Hiring of tr g of material during p of equipment may be d on prorata basis.	re-commi	ssioning	& commissioning
210	Service Item 200:	Unit basic rate in wor	ds IN		
	Ultrasonic testing			Diameter)	
	PAUT and TOFD for report on repaired testing necessitat done at contractor UT machine and con shall be submitted	rasonic examination on examining the Weld tru joints due to contrac ed due to poor perform 's cost)interpretation sumable shall be in co	eness.(R tors's f ance of shall b ntractor	epeat tes ault and contracto e from Le 's scope	ting due to defective for additional r's welders shall be vel 3 inspector only
	Dervice item 210.				
220	Conventional radio	3,000 graphy	IN (Inch	D Diameter)	
	Unit of measuremen Performance of Rad	t is Inch Dia. iography examination o	n piping	using Ir	-192 source for
	Page 14 of 22	Vendor Sign & Sta	amp	For Bhara	at Petroleum Corporation Ltd.

То:М/	To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648)				
ltem	Material Description	(Qty Un De	it livery date	Unit Basic Rate (in Figures)
	examining the Weld repaired joints du necessitated due t contractor's cost) scope.	e to contractors' o poor performance . Radography unit graphy is applical	testing due s fault and f e of contract and consumab	to defective or additiona or's welders le shall be	e report on al testing s shall be done at
	Service Item 220:	Unit basic rate i	n words		
230	Painting of insula		2,000 IN tem 4	M (Inch Meter)	
	Unit of mesurement	is INCH METER of	pipe.		
	Service Item 230:	Unit basic rate in	n words		
240	Insulation Pipes,		1,000 IN (Inch		
	Providing thermal and cladding) and coverings, consuma required, includin by 3rd party inspe manufacturer's sho inspector, applyin specified includin stitching and/or o spec., providing b providing inspecti identification. Pr etc, labour, super heights as per dra Engineer-in-charge	ancillary material bles and other new g transportation ctor (Llyods/BV/D p & sample check/ g insulation (bot) g all preparatory therwise securing olts, rivets, and on windows, end se oviding steel scat vision and comple wings, specificat.	ls, vapour ba cessary mater of materials NV or any oth inspection at h lagging & c work there c , finishing self tapping eals for flan ffolding, all ting the work ions and inst	rrier, weath ials, testin to work site er Client ag site by EII ladding) on n, binding, with sheet of screws when ges etc., co tools, tack in all resp ructions of	her protective ag of materials as a, duly inspected oproved party) at a Construction surfaces as tying, lacing, cladding as per rever specified, olour coding and ales, equipments bect, at all
	Page 15 of 22	Vendor S	ign & Stamp	For Bharat Pe	etroleum Corporation Ltd.

To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648)					
ltem	Material Description		Qty	Unit Delivery date	Unit Basic Rate (in Figures)
	Service Item 240:	Unit basic rate	in words		
250	Insulation Pipes,	thk 90 mm	1,200	INM (Inch Meter)	
	and cladding) and coverings, consuma required, includin by 3rd party inspe manufacturer's sho inspector, applyin specified includin stitching and/or o spec., providing b providing inspecti	ancillary mater: bles and other n g transportation ctor (Llyods/BV, p & sample check g insulation (bo g all preparator therwise securin olts, rivets, an on windows, end oviding steel so vision and comp wings, specifica	ials, vap necessary n of mate /DNV or an (inspect) oth laggin ry work th ng , finis nd self to seals fo caffolding leting the ations and	bur barrier, we materials, tes rials to work s ny other Client ion at site by ng & cladding) here on, bindir shing with shee apping screws w r flanges etc., g, all tools, t e work in all r d instructions	sting of materials as site, duly inspected approved party) at EIL Construction on surfaces as ag, tying, lacing, et cladding as per wherever specified, colour coding and cackles, equipments respect, at all of
	Page 16 of 22	Vendo	r Sign & Stamp	For Bha	at Petroleum Corporation Ltd.

10.1	To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648)					
ltem	Material Description	Qty	Unit Delivery date	Unit Basic Rate (in Figures)		
	Service Item 250: Unit	t basic rate in words	3			
260	Hydrotest of pipelines	4,000	INM (Inch Meter)			
	Job involves carrying pressure including spa accessories, attending the same for inspection engineer-in-charge, in include boxup of line cleats, grinding off a scaffolding at all ele equipments and tools t be arranged by the cor	ading/despading, array g leaky flange joints on and clearing the s nclusive of depressur i.e. missing stud & any cleat marks, array evations and location to carry out the job.	anging hydro te s, valve gland g same, as per th rising & drying nuts, gaskets, anging calibrat as, arranging a	sting pumps and packing etc, offering e directions of the . Quoted rate should removal of any welded ed pressure gauges, ll necessary		
_	Service Item 260: Unit	t basic rate in words	3			
	Service Item 260: Unit		S CST%			
*		VAT% ork DRATION LTD. (BPCL), loy steel piping job work and manpower a	CST% Mumbai Refiner related to CDU assistance for	y intends to carryout -3 Revamp project.		
*	Service Tax% 01 Scope of Wo BHARAT PETROLEUM CORPO mainly 18" and 12" All Jobs involving piping revamp section.	VAT% DRATION LTD. (BPCL), loy steel piping job work and manpower a IC) - ENGINEERS INDIA TO BE FOLLOWED WHERE	CST% Mumbai Refiner related to CDU assistance for A LIMITED (EIL) EVER APPLICABLE	y intends to carryout -3 Revamp project. commissioningof CDU-3 EXCEPT FOR PAINTING.		
*	Service Tax% O1 Scope of Wo BHARAT PETROLEUM CORPO mainly 18" and 12" All Jobs involving piping revamp section. ENGINEER-IN-CHARGE (EI EIL JOB SPECIFICATION	VAT% DRATION LTD. (BPCL), loy steel piping job work and manpower a IC) - ENGINEERS INDIA TO BE FOLLOWED WHERE CIFICATION AE-S-5430 JPPLY - e of supply shall be pments, tools & tackl s required for comple ca/trailer for erecti er material.	CST% Mumbai Refiner; related to CDU assistance for A LIMITED (EIL) EVER APPLICABLE REV.1 TO BE FO included but no es, machinery, etion of work.	y intends to carryout -3 Revamp project. commissioningof CDU-3 EXCEPT FOR PAINTING. LLOWED ot limited to the skilled/unskilled nloading & shifting of		

To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648) Item Material Qty Unit **Unit Basic Rate** Description Delivery date (in Figures) industrial gases, grinding wheels, cutting wheels, plasma cutting set, temporary gaskets/temporary fasteners etc. 4. Water and electricity can be supplied to contractor by BPCL on chargeable basis. Rate per unit for electricity is Rs 9.5 & rate per cubic meter for water is Rs 79.31. However, rates are subjected to change depending upon rates charged by BMC/other agencies. However, BPCL do not have any binding to provide water and electricity to contractor. BPCL can stop water and electricity without any prior notification. 5. Recorders for SR, radiography source 6. Insulation & cladding material 7. Paints 8. Cutting of spades/ blinds 9. Hydrotest pumps, hoses for water filling, pressure gauge, end connections BPCL SCOPE OF SUPPLY -1. Pipes, fittings, valves, gaskets, fasteners etc. for fabrication and erection of piping 2. Steam, steam hose, nitrogen for purging of lines/flushing. COMPLETION PERIOD: Contractual completion period shall be 03 months from the date of PO/ LOA, whichever is earlier. LD CLAUSE - IN CASE OF DELAY, 0.5% / WEEK OF DELAY OR PART THEREOF UPTO A MAX. 5% OF THE EACH INDIVIDUAL PO / CONTRACT VALUE SHALL BE RECOVERED. In the event of award of contract, bidders to note that the executed quantities of the SOR items may vary +/- any percentage. In case of change in L-1 status based on concluded executed quantities, the L1 bidder shall offer necessary discount to BPCL to ensure their L1 status. Minimum two numbers of portable H2S detectors per work location shall be ensured by contractors while working in refinery plant areas. The portable H2S gas detectors should be with valid calibration certificate. The portable H2S gas detectors should be from reputed make such as Honeywell, Drager, MSA. Existing penalty for "Violation of permit conditions" as per Sr No 3 of existing "financial deterrents" shall be applicable for the non-compliance with respect to the point no 1. TERMS OF PAYMENT: 100% Payment will be made on the basis of actual executed quantities after satisfactory completion and due certification by EIL/ BPCL Engg-in-charge as per following break up. a) For all items except Supply of manpower/hydra/MAC: Page 18 of 22 Vendor Sign & Stamp For Bharat Petroleum Corporation Ltd.

	Material Description	Qty	Unit Delivery date	Unit Basic Rate (in Figures)			
	i) 90% payment on completic primer painting & erecti						
	ii)10% on completion of Hydr	ii)10% on completion of Hydrotest.					
	b)For all supply of manpower/hydra: 100% payment will be made on the basis of actual executed quantities after satisfactory completion and due certification by EIL/BPCL Engineer-in-charge.						
10% amount from each running bill will OF RETENTION MONEY, CONTRACTOR SHALL S AMOUNT OF RETENTION MONEY (10% OF CONT R.A. BILL VALID FOR DEFECTS LIABILITY Guarantee shall have a claim period of and the same shall be mentioned clear			BANK GUARANTEE VALUE) BEFORE S D OF SIX MONTHS e months beyond	OF EQUIVALENT UBMISSION OF 1ST . Further, the Bank the date of expiry			
	MANPOWER CLAUSE: Since time is essence for this project, penalty cla introduced. Contractor has to mobilise the min. manpower and machine mentioned below in 1 week from the date of issue of LOI. In case of mobilize, penalty per person/machinery per 12 hrs shift will be impore Penalty per skillset/ equipment will be manpower/ machinery rate que contractor against SOR items of pre-commissioning assistance or as r below against each item. Penalty amounts will be deducted fron the r running account bills. However, maximum liability against penalty ar non-mobilization can be 3% of the executed contract value.		nd machinery as n case of failure t ll be imposed. y rate quoted by th ce or as mentioned				
	running account bills. Howev	ver, maximum lia	bility against				
	running account bills. Howev	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC.	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% o In case of non-availabilty c	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC. Supervisor - 4 nos	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	<pre>running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos</pre>	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	<pre>running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos</pre>	ver, maximum lia of the executed	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos.	ver, maximum lia	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition	rer, maximum lia of the executed of front contract <u>s of Contract</u>	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C	rer, maximum lia of the executed of front contract <u>s of Contract</u> onditions	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C 04 Special Safety Co	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			
	<pre>running account bills. Howev non-mobilization can be 3% c In case of non-availabilty c prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Welders - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C 04 Special Safety Co 05 Financial Deterre</pre>	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C 04 Special Safety Co 05 Financial Deterre 06 Integrity Pact 07 QEHSS Policy 08 Energy Policy	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C 04 Special Safety Co 05 Financial Deterre 06 Integrity Pact 07 QEHSS Policy	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			
	running account bills. Howev non-mobilization can be 3% of In case of non-availabilty of prior approval from EIC. Supervisor - 4 nos Fitters - 08 nos Grinder - 08 nos Gascutter - 4 nos Riggers - 15 nos Farhana - 1 nos. 02 General Condition 03 General Terms & C 04 Special Safety Co 05 Financial Deterre 06 Integrity Pact 07 QEHSS Policy 08 Energy Policy	rer, maximum lia of the executed of front contract <u>s of Contract</u> <u>onditions</u> <u>nditions</u>	bility against contract value.	penalty amount for			

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To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648)
Grand Total (inclusive of all taxes, duties/charges etc)
In figure:
In Words :
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Vendor Sign & Stamp

For Bharat Petroleum Corporation Ltd.

TERMS	& CONDITIONS		
Importan	nt Notice		
Sr.No	Description		
001	Quotation receive	ed after due date will not be e	entertained
002	Your quotation must specify exact amount or percentage discount, Excise, S.T., Charges, Transport, Packing & forwarding, Octroi, etc. as applicable.		
003	In case you are unable to quote, kindly send the quotation with a regret for our records. Non-receipt of a regret will adversely affect your vendor rating.		
004	No quotation will be accepted without your rubber stamp and signature.		
005		ast be strictly in enclosed envotive RFQ No., RFQ No. and due	
006	For all future correspondences please mention the vendor code Collective RFQ Number & RFQ Number.		the vendor code
007	_	10 % shall stand deducted from nitted in the event of contract	-
	 General Terms Special Safet 	tions of Contract & Conditions y Conditions errent: HSE Policy t	
	Page 21 of 22	Vendor Sign & Stamp	For Bharat Petroleum Corporation Ltd.

To:M/s. BPCL ESTIMATE MUMBAI - 400038 India (300648) -----Tear off Portion to be pasted on the envelope containing offer-----Collective RFQ No. : 1000281139 Due Date : 24.05.2017 Our Reference: RFQ No. : 6001054800 Due Time : 12:00:00 Subject: To, Purchase Group : N46-DHT SER PROC Page 22 of 22 Vendor Sign & Stamp For Bharat Petroleum Corporation Ltd.