

Material :Purcahse of Electrical Material (Bearings, Tools and cable Accessories) required at KPD Tay Plant

Tender Enquiry No: 18824/2022

EVALUATION WILL BE CARRIED OUT ON FULL

Due Date:

Bid Bond Value: GROUP WISE

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Attachment(if any): YES

roi	up A						·	D !!	deviation for ever
No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. I Any
	Amine Booster, Amine Circulation motor bearing, 6314 make SKF or equivalent	20		Number					
2	Amine Regenerator Reflux motor bearing, Filter Vessel motor bearing, Power house radiator motors (DE) 6308–2Z make SKF or equivalent	18 /		Number			1		
3	Turbo Expander Motor- (DE)Power House Radiator Fans (NDE side) Bearing # 6207-2Z make SKF or equivalent	18		Number	1				
4	Flare KO motor bearing #6205-2RSH/C3 make SKF or equivalent	4		Number					
5	Motor Bearing Fan Cooler 1–8 NDE, De–Butanizer Reflux– 6312/C3 make SKF or equivalent	29		Number					
6	Motor Bearing Stabilizer Overhead Compressor, Hot Oil Blower, Well Reinjection, Instrument Air Compressors – 6316/C3 make SKF or equivalent	18		Number					
7	Amine Drain motor bearing 6309 make SKF or equivalent	4		Number					
8	Circulation Water Supply motor bearing— 6208–2Z/C3 make SKF or equivalent	4		Number					
9	Fire Water motor bearing # 6313 , make SKF or equivalent	4		Number					
10	Motor Bearing Fan Cooler-1-8 DE, LPG Loading motor DE- 6313/C3 make SKF or equivalent	25		Number					
11	Amine Charge motor bearing(DE) 6222/C3 make SKF or equivalent	6	, ,	Number		•			
∍12	Amine Charge motor bearing – (NDE) NU 218 ECP make SKF or equivalent	6	7"	Number					
13	Backwash Water motor bearing # 6210-2Z/C3 make SKF or equivalent	2		Number					
14	Chemical Injection motor bearing 6204–2RSH/C3 make SKF or equivalent	2/		Number					
15	Cooling Fan-(NDE) Motor Bearing # 6309-2RS1/C3 make SKF or equivalent	4_/		Number					



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r CO I No	UP A Description	Quantity	Make/Brand	Unit	Unit Price	Unit Price (PKR)	Total Price (PKR)	Delivery Period	deviation from Tender Spec. I
			offered		(PKR) Inclusive Of All Taxes Except GST	Inclusive of GST	Inclusive of GST	Offered	
16	Cooling Water Circulation motor bearing – 6317/C3 make SKF or equivalent	6		Number					
17	Cooling Water Fan Cooler, Evaporation Pond, LPG Offspec, Diesel motor bearing, Closed Drain Vessel motor bearing # 6208–2RS1/C3 make SKF or equivalent	18		Number	-				
	De-Butanizer Reflux motor bearing- 6310/C3 make SKF or equivalent	_4		Number				1	
19	Dedxy Film Supply motor, EDI Supply Water motor bearing–6204–2Z/C3 make SKF or equivalent	4		Number					
	Disposable grease resistant gloves, Non-powdered nitrile rubber gloves, Size 9.5 – 10, Colour Green/Etc, Pack size 25 pairs, Model:TMBA G11DB, Make: SKF or Equivalent.	4 /		Number					
21	Electronic stethoscope, (Set to include headset, length probes, 70 and 300 mm, pre recorded audio CD demonstrating common encountered machine noise, carrying case), Model:TMST 3, Make: SKF or Equivalent.	1 —		Number					
22	Fan Cooler–Motor Bearing – 6315/C3 make SKF or equivalent	5		Number					
23	GT lube oil emergency (DE, NDE) Turbo Expander Motor–(NDE)– Bearing # 6206–2Z make SKF or equivalent	6		Number					
24	Grease gun LAGH 400- SKF, Easy grease filling with one hand, operating pressure up to 300 bar, Flexible hydraulic type hose. Model: LAGH 400, Make: SKF or Equivalent.	2		Number					
Copperation and Associated Associ	Grease gun SKF 107760 complete set, Volume/stroke:1,5 cm3, Set includes: Extension pipe, high pressure hose, extension pipe with cardan nozzle, flat-head grease fittings,Female and pointed nozzle Model: 107760, Make: SKF or Equivalent.	1		Number					
26	High Temperature Bearing Grease UNIREX N3 0.39kG or SKF: LGHP 2/1 or Equivalent.	4		Number					
27	Hot Oil Secondary NDE motor bearing 6319M/C3–INSULATED make SKF or equivalent	4		Number					
28	Jockey motor bearing # 6212/C3 make SKF or equivalent	3		Number	77.				



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29 LGHP 2/1 SKF High Temperature Grease, Model: LGHP 2/1, make: SKFor Equivalent.	100 /		Number					
Oil heater motor, J/w heater motor Bearing # 6204–2Z make SKF or equivalent	4		Number					AAN
31 Produced Water Transfer motor, Oily Water motor bearing # 6207-2RS1/C3 make SKF or equivalent	4		Number					
32 RO Booster motor bearing - 6306-2Z/C3 make SKF or equivalent	1		Number					
33 RO Supply Water, RO Booster NDE Motor Bearing # 6205–2Z/C3 make SKF or equivalent	3		Number					
34 RO Water Supply motor bearing 7312 BEP make SKF or equivalent			Number					
35 Raw Water, NaHSO3 Blender motor bearing # 6212– 2Z/C3 make SKF or equivalent	4		Number					
36 SKF Grease Meter Part NO. LAGM 1000E Make: SKF or Equivalent.	1/		Number					
37 SKF Hydraulic jaw puller sets EasyPull Complete TMMA 100H/SET, – includes Hydraulic jaw puller 100 kN, (TMMA 100H), Tri–section pulling plate(TMMS 160), Puller protection blanket (TMMX 350), Model: TMMA 100H/SET, make SKF or Equivalent	1 /		Number					
38 Shell Gadus S3 V220C 2, 400g or SKF: LGWA 2/1 or Equivalent.	4 /		Number					
39 Hot Oil, De-Ethanizer Reflux, Absorber, Flare Unit Motor Bearing – 6309/C3 make SKF or equivalent	14		Number	,				
40 Hot Oil Circulation motor (NDE), Sundyne Bearing # 6314 M/C3-INSULATED make SKF or equivalent	8		Number					
41 Turbine Cooling Fan, Hot Oil Circulation motor bearing # 6314/C3 make SKF or equivalent	6		Number					
42 Cooling Fan-(DE) Motor Bearing # 6209–2Z/C3 make SKF or equivalent	4		Number		-			
43 Hot Oil Secondary DE motor bearing 6322/C3 make SKF or equivalen	nt 4		Number					



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No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
	oup B								
Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
44	Teflon Tape (Large)	25 /		Number					
45	ANTI-RUST CLEANING WD-40. P# ASY	30		Number		***************************************			
46	PVC Insulation Tape. (Black=10 roll, White=10 roll, Red=10 roll, Blue=10 roll, Yellow=10 roll) (Noted: 10 Nos Tape in each Roll, total roll=50, total Tape= 500Nos), Make Nito or equivalent	50/		Number					
47	HAMMER, BRASS, WITH FIBER GLASS HANDLE. P# ASY TOOLS.	5		Number					
48	"Civacon Ground Verification Clamp with 30/32 ft. Coiled Cord. Part No: OPW 7720–COIL OR Scully Signal part # 31766 (Note: Only Clamp with Coiled Cable)"	3		Number				-	
49	Battery Powered Milliohm MeterHigh accuracy, high resolution portable Milliohm Meter for field useRange 200.0 m Ohms to 2000 Ohms	1		Number					
50	Cable Lug For Cable Size: 10 sq mm	50		Number				. 1	
6 1	Cable Lug For Cable Size: 16 sq mm, Stud Hole: 10. (16X10)	50	<u>41</u>	Number					
52	Cable Lug For Cable Size: 25 sq mm, Stud Hole: 10. (25x10)	50		Number					
53	Cable Lug For Cable Size: 300 sq mm, Long neck	40	/	Number		A.			
54	Cable Lug For Cable Size: 35 sq mm, Stude Hole: 10. (35x10)	50		Number					



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Gro Sr No	Dup B Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
55	Cable Lug For Cable Size: 4 sq mm	50	(Number					
56	Cable Lug For Cable Size: 50 sq mm, Stud Hole: 10 (50x10)	50		Number	-		:		
57	Cable Lug For Cable Size: 6 sq mm	50	and the second s	Number					
58	Cable Ties (Nylon): Size. 100x2.5mm.	6		Number	<u> </u>				
59	Fluke 325 True RMS Clamp Meter, Make Fluke or Equivalent	1	yel.	Number					
60	Fluke T5-600 Electrical Tester, Make Fluke or Equivalent, Model : T5-600	1		Number					
61	GREASE SCREWG.SLIDE AMBER 400G, Make : Atlas Capco part # 2901033813	2	part .	Number					
62	Harden 32Pcs Feeler Gauge make= Harden or Equivalent.	2		Number				-	
63	Inside Micrometer Screw Gauge, Model 3221–32 (25 mm to 32mm) and Model 3221–200 (50–200mm) Make=INSIDE/Equivalent	1 2		Number					
64	Insulated Cutter Plier (1000v) Valid test certified Make Force or equivalent	10		Number					
65	Insulated Electrical Plier (1000v) Valid test certified Make Force or equivalent	10		Number					
66	Insulated Nose Plier (1000v) Valid test certified Make Force or equivalent	10		Number					
67	Iron Drill Bit Set- 12 pcs	2		Number					
68	Jointing Kit Complete for Armoured LV Cable (1x300 sqmm) Make Raychem or equivalent	2		Number					
69	Jointing Kit Complete for Armoured LV Cable (4x240 sqmm) Make Raychem or equivalent	2		Number					
70	Jointing Kit Complete for Armoured LV Cable (4x95 sqmm)	2		Number					



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Gro	oup B					Hada Data -	Total Duice	Deliver	doviation from
Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Period Offered	deviation from Tender Spec. If Any
	Make Raychem or equivalent								
71	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x120 sqmm) Make Raychem or equivalent	2 /	7	Number					
72	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x185 sqmm) Make Raychem or equivalent	2	/	Number					
73	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x630 sqmm) Make Raychem or equivalent	2		Number					
74	Magic Epoxy Steel Tube. Wt= 215grams	10		Number					
75	Masonary Drill Bit Set (Concrete) 14Pcs	5	ĺ.	Number					
76	PVC Insulated Crimp Fork/SpadeTerminal Lugs 2.5mm (SOFT TYPE)	100		Number					2
77	PVC Insulated Crimp Fork/SpadeTerminal Lugs 4mm (SOFT TYPE)	100	-	Number					
78	PVC Insulated Crimp Fork/SpadeTerminal Lugs 6mm (SOFT TYPE)	100		Number					
79	PVC Insulated Crimp Ring Terminal Lugs 2.5mm (SOFT TYPE)	100		Number					
80	PVC Insulated Crimp Ring Terminal Lugs 4mm (SOFT TYPE)	100		Number					
81	PVC Insulated Crimp Ring Terminal Lugs 6mm (SOFT TYPE)	100		Number					
82	PolyPropylene Insulated End Sleeves 16mm (for flexible copper cables)	100	Part of the same o	Number					· · · · · · · · · · · · · · · · · · ·
83	PolyPropylene Insulated End Sleeves 2.5mm (for flexible copper cables)	100		Number			440		
84	PolyPropylene Insulated End Sleeves 25mm (for flexible copper cables)	100		Number					
85	PolyPropylene Insulated End Sleeves 35mm (for flexible copper cables)	100		Number				*.	



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Gr No	up B Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
86	PolyPropylene Insulated End Sleeves 4mm (for flexible copper cables)	100		Number					
87	PolyPropylene Insulated End Sleeves 50mm (for flexible copper cables)	100		Number			: :		
88	PolyPropylene Insulated End Sleeves 6mm (for flexible copper cables)	100		Number					
89	Polythene Sheet. Color White Good Quality. (100 m = 1 Roll)	5	7	Number					
90	RTV 100% Silicon Sealant Tube	30		Number					
91	Rawal Bolt. Size 10mm (QTY in dozen)	8	7	Number					
92	Rawal Bolt. Size 12mm (QTY in dozen)	8		Number		41.			
93	Rawal Bolt. Size 4mm (QTY in dozen)	8		Number				-	
94	Rawal Bolt. Size 6mm (QTY in dozen)	8		Number			VI 1/1/1/1		
.95	Rawal Bolt. Size 8mm (QTY in dozen)	8		Number					
996	Red Insulating Varnish (Spray) Synthetic Class F, Make Dolphs Or Equivalent	10		Number		-		/10/	
97	Rubber Seal # V110 (Motor Bearing Seal)	15	6	Number	A CONTRACTOR OF THE CONTRACTOR				
98	Rubber Seal # V70 (Motor Bearing Seal)	15		Number					
99	Rubber Seal # V90 (Motor Bearing Seal)	15		Number					
100	Safety Gloves (Cotton Type)	500		Number					
101	Seal # 60 85 10 Labyrinth (Motor Bearing Seal)	24		Number					



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					Except GST				
		24 '		Number					
102	Seal # 65 85 10 Labyrinth (Motor Bearing Seal)	24		Number					
103	Seal # 70 85 08 Labyrinth (Motor Bearing Seal)	24		Number					
104	Seal # 80 100 10 Labyrinth (Motor Bearing Seal)	24		Number					
105	THERMOGRAPHY CAMERA. (1) IR Resolution: 320 x 240 pixels (76,800 pixels) (2) Object Temperature Range (min): – 20 to 250C (3) 3 inch or above display, 4)Thermal sensitivity (NETD): 50mK or less, Make: FLIR or equivalent	1		Number					
106	Temperature Gun (infrared) Force or equivalent European brand	2		Number					
107	Wooden Extension Supply Board. Having 4–5 Power Sockets Heavy Duty For 25–30 Amp Load. Along with Breaker 32A DP.	10		Number					
108	POLISHING PAPER # 1 (QTY IN DOZEN)	20	Parameter S. C.	Number					
09	Polishing Paper. Zero Number. (QTY in dozen)	10		Rolls					
10	WIRE BRUSH (PAK). P# AS	10		Number					
11		10	-	Number					
12	Rubber Gloves for Electrican	50	f .	Pairs					
13	B BRUSH, WIRE BRASS,SIZE 3". P# ASSY	10		Number					
14	KNIPEX CABLE KNIFE 1000V-INSULATED (190mm) MODEL: 9854, MAKE: KNIPEX/EQUIVALENT	3		Number				•	
115	5 ADJUSTABLE WRENCH 12" Make: Force/Elora or equivalent	10		Number	-				



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	up B	0 414	Make/Drand	Unit	Unit Price	Unit Price	Total Price	Delivery	deviation from
Sr No	Description	Quantity	Make/Brand offered	Unit	(PKR) Inclusive Of All Taxes Except GST	(PKR) Inclusive of GST	(PKR) Inclusive of GST	Period Offered	Tender Spec. If Any
	HACKSAW & BLADE SET SIZE 12" WITH ATLEAST 4 PIECES BIMETAL HACKSAW BLADES	3		Number	•				
117	DRY CONTACT CLEANER, (400ML TIN), MAKE WD-40 OR EQUIVALENT	50		Number	-	i de la companya de l	:		Beg
	HIGH TENSION TAPE 3/4 INCH, RUBBER SPLICING TAPE, INSULATION WITH HIGH TEMPERATURE OF 194F (90C), MAKE 3M(SCOTCH 23) OR EQUIVALENT ASY. ELECTRICAL ITEMS.	10		Number					
119	RTV Silicon (High Temp) Sealant Tube	10	,	Number					
120	Cotton Rags (50kg bag)	250		Kilo Grams		,		Management of the Control of the Con	·
121	ADJUSTABLE WRENCH LENGTH: 8" make: Force/Elora or equivalent	10		Number					
122	Jointing Kit Complete for Armoured LV Cable (4x35 sqmm) Make Raychem or equivalent	2		Number					
123	Jointing Kit Complete for Armoured LV Cable (4x50 sqmm) Make Raychem or equivalent	2		Number					
124	Jointing Kit Complete for Armoured LV Cable (4x70 sqmm) Make Raychem or equivalent	2	7	Number				All days	
125	Star Set 9Pcs (with tester capability) Genuine& Good Quality	10		Number					
De									

Special Note: The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- BID VALIDITY: 180 DAYS FROM TECHNICAL BID OPENING, DELIVERY PERIOD: 16 WEEKS AFTER ISSUANCE OF LPO. PAYMENT: AFTER DELIVERY & INSPECTION. BID BOND AMOUNT FOR GROUP-A=RS:200,000/- AND FOR GROUP-B=RS.150,000/=



Mandatory Checklist

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

Please confirm the compliance of the following mandatory Documents	To be Attached with the Technical/Financial Bids	Compli	ance
Original Bid Bond	Technical Bid	Yes	No
Copy of NTN Certificate	Technical Bid	Yes	No
Copy of GST Certificate	Technical Bid	Yes	No 🗌
Confirmation that the Firm is appearing on FBR's Active Taxpayer ist	Technical Bid	Yes	No 🗆
Ouly signed and stamped Annexure-A (Un-priced)	Technical Bid	Yes	No 🗆
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes	No 🗆
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes	No
Duly filled, signed and stamped Annexure–L on Company's etterhead	Technical Bid	Yes	No
Duly signed and stamped Annexure-M on Company's Letterhead	Technical Bid	Yes	No
Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes	No 🗆
Duly filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes	No
Duly filled, signed and stamped Annexure-C	Financial Bid	Yes	No
Duly filled, signed and stamped Annexure–E	Financial Bid	Yes	No



For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
٧.	Bank Branch Name and Code	

Jame	Sign and Stamp of the authorized official of the Bidder(s)	

S.No.	Group A- BOQ	Part #	Group	QTY REQ
1	Amine Charge motor bearing(DE) 6222/C3	6222/C3	Α	6
2	Amine Charge motor bearing- (NDE) NU 218 ECP	NU 218 ECP	Α	6
3	Backwash Water motor bearing # 6210-2Z/C3	6210-2Z/C3	Α	2
4	Chemical Injection motor bearing 6204-2RSH/C3	6204-2RSH/C3	A	2
5	Cooling Fan-(NDE) Motor Bearing # 6309-2RS1/C3	6309-2RS1/C3	Α	4
6	Cooling Water Circulation motor bearing - 6317/C3	6317/C3	Α	6
	Cooling Water Fan Cooler, Evaporation Pond, LPG Offspec, Diesel motor bearing, Closed	6208-2RS1/C3	Α	18
7	Drain Vessel motor bearing # 6208-2RS1/C3	6310/C3	A	4
8	De-Butanizer Reflux motor bearing- 6310/C3	6204-2Z/C3	A	
9	Dedxy Film Supply motor, EDI Supply Water motor bearing- 6204-2Z/C3 SKF Disposable grease resistant gloves TMBA G11DB, Non-powdered nitrile rubber	020 : 22, 00	Α	4
10	gloves, Pack size 50 pairs, Size 9.5 - 10, Color Green/Etc.	TMBA G11DB		4
11	Electronic stethoscope, TMST 3 , SKF (Set to include headset, two different length probes, 70 and 300 mm (2.8 and 11.8 in.), and a pre recorded audio CD demonstrating the most common encountered troublesome machine noise, and carrying case) - Pre-recorded demonstration CD and output for analogue recording is required for analysis and comparison	TMST 3 , SKF	А	1
12	Fan Cooler-Motor Bearing- 6315/C3	6315/C3	Α	5
13	GT lube oil emergency (DE, NDE) Turbo Expander Motor-(NDE)- Bearing # 6206-2Z	6206-2Z	Α	6
14	Grease gun LAGH 400- SKF, Easy grease filling with one hand, operating pressure up to 300 bar, Flexible hydraulic type hose.	LAGH 400- SKF	А	2
15	Grease gun SKF 107760 complete set, Volume/stroke: 1,5 cm3, Set includes: Extension pipe, Snap-on high pressure hose, Snap-on extension pipe with cardan nozzle, Snap-on extension pipe for flat-head grease fittings (Ø16 mm), Female and pointed nozzle	SKF 107760	A	1
16	High Temperature Bearing Grease UNIREX N3 0.39kG or LGHP 2/1 or Equivalent.		Α	4
17	Hot Oil Secondary NDE motor bearing 6319M/C3-INSULATED	6319M/C3- INSULATED	Α	4
18	Jockey motor bearing # 6212/C3	6212/C3	Α	3
19	LGHP 2/1 SKF High Temperature Grease	LGHP 2/1	Α	100
20	Oil heater motor, J/w heater motor Bearing # 6204-2Z	6204-2Z	А	4
21	Produced Water Transfer motor, Oily Water motor bearing # 6207-2RS1/C3	6207-2RS1/C3	А	4
22	RO Booster motor bearing- 6306-2Z/C3	6306-2Z/C3	A	1
23	RO Supply Water, RO Booster NDE Motor Bearing # 6205-2Z/C3	6205-2Z/C3	A	3
 24	RO Water Supply motor bearing 7312 BEP	7312 BEP	A	1
	Raw Water, NaHSO3 Blender motor bearing # 6212-2Z/C3	6212-2Z/C3	A	4
25	SKF Grease Meter Part NO. LAGM 1000E	LAGM 1000E	. A	1
27	SKF Hydraulic jaw puller sets Easy Pull Complete TMMA 100H/SET, - includes Hydraulic jaw puller 100 kN TMMA 100H, Tri-section pulling plate TMMS 160, Puller protection blanket TMMX 350	TMMA 100H/SE	Т	1
28	Shell Gadus S3 V220C 2, 400g or LGWA 2/1 or Equivalent.		А	4
29	Amine Booster, Amine Circulation motor bearing, 6314	6314	А	20
30	Amine Drain motor bearing 6309	6309	А	4
31	Amine Regenerator Reflux motor bearing, Filter Vessel motor bearing, Power house radiator motors (DE) 6308-2Z	6308-2Z	А	18
32	Circulation Water Supply motor bearing- 6208-2Z/C3	6208-2Z/C3	А	4
33		6209-2Z/C3	A	4
34	Fire Water motor bearing # 6313	6313	A	4

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35	Flare KO motor bearing # 6205-2RSH/C3	6205-2RSH/C3	А	4
36	Hot Oil Circulation motor (NDE), Sundyne Bearing # 6314 M/C3-INSULATED	6314 M/C3- INSULATED	А	8
37	Hot Oil Secondary DE motor bearing 6322/C3	6322/C3	А	4
38	Motor Bearing Fan Cooler-1-8 DE, LPG Loading motor DE- 6313/C3	6313/C3	Α	25
39	Motor Bearing Fan Cooler 1-8 NDE, De-Butanizer Reflux- 6312/C3	6312/C3	Α	29
40	Motor Bearing Stabilizer Overhead Compressor, Hot Oil Blower, Well Reinjection, Instrument Air Compressors- 6316/C3	6316/C3	А	18
41	Turbine Cooling Fan, Hot Oil Circulation motor bearing # 6314/C3	6314/C3	Α	6
42	Turbo Expander Motor- (DE) Power House Radiator Fans (NDE side) Bearing # 6207-2Z	6207-2Z	A	18
43	Hot Oil, De-Ethanizer Reflux, Absorber, Flare Unit Motor Bearing - 6309/C3	6309/C3	A	14

Terms and Conditions- Group A

1		All bearing supplied must be SKF or equivalent. Data sheet to be provided in case equivalent is quoted.
2		Bidder to supply reputable brand bearings & Grease manufactures and All supplied bearings & grease must be verifiable for authenticity of product via bar code or QR-Code thru OEM. OEM must have minimum 15 years of experience in business.
3		All bearings must be brand new with shelf life of more than (03) years. Any bearing or Grease with shelf life of less than (03) years at the time of delivery to OGDC Store will not be acceptable. Inspection of Bearings and authenticity check will be performed after delivery of
4	. :	material at site.
5		All bearing boxes/packets must be bagged/tagged as per the motors description/BOQ.
6		Inspection of all line items & electrical functionality testing will be done by OGDCL after delivery at site.

No	Group B - BOQ	Group	Required
	Civacon Ground Verification Clamp with 30/32 ft. Coiled Cord.		2
1	Part # Part No: OPW 7720-COIL OR Scully Signal part # 31766	В	3
	(Note: Only Clamp with Coiled Cable)	В	10
2	Adjustable wrench (12") Force/Elora Adjustable wrench (8") Force/Elora	В	10
3	Battery Powered Milliohm Meter, High accuracy, high resolution portable Milliohm Meter for field	+	1
4	use Range 200.0m Ω to 2000 Ω	В	1
5	Brass hammer with fiber glass handle	В	5
6	Cable Lug For Cable Size: 10 sq mm	В	50
7	Cable Lug For Cable Size: 16 sq mm, Stud Hole: 10. (16X10)	В	50
8	Cable Lug For Cable Size: 25 sq mm, Stud Hole: 10. (25x10)	В	50
9	Cable Lug For Cable Size: 300 sq mm, Long neck	В	40
10	Cable Lug For Cable Size: 35 sq mm, Stude Hole: 10. (35x10)	В	50
11	Cable Lug For Cable Size: 4 sq mm	В	50
12	Cable Lug For Cable Size: 50 sq mm, Stud Hole: 10 (50x10)	В	50
13	Cable Lug For Cable Size: 6 sq mm	В	50
14	Cable Ties (Nylon): Size. 100x2.5mm. 100pc/ packet	В	6
15	Fluke 325 True RMS Clamp Meter Make Fluke or Equivalent	В	1
16	Fluke T5-600 Electrical Tester Make Fluke or Equivalent, Model : T5-600	В	1
17	GREASE SCREWG.SLIDE AMBER 400G, Atlas Capco part # 2901033813 or Equivalent.	В	- 2
18	Grip plier set Force or equivalent	В	10
19	Hack Saw and Blade Set (12 inch, with atleast 4 pieces bimetal hacksaw blades)	В	3
20	Harden 32Pcs Feeler Gauge, make= Harden	В	2
21	High Tension Tape 3/4	В	10
	3M (Scotch 23) Rubber Splicing Tape, Insulation with hight temperature of 194°F (90°C).		
22	Instant Dry Contact Cleaner 400 ML WD-40 or equivalent	В	50
23	Insulated Cutter Plier (1000v) Valid test certified, Make=Force/Equivalent	B	10
24	Insulated Electrical Plier (1000v) Valid test certified Make= Force/Equivalent	В	10
25	Insulated Nose Plier (1000v) Valid test certified Make= Force/Equivalent	В	10
26	Iron Drill Bit Set- 12 pcs	В	. 2
27	Jointing Kit Complete for Armoured LV Cable (1x300 sqmm) Raychem or equivalent	В	2
28	Jointing Kit Complete for Armoured LV Cable (4x240 sqmm) Raychem or equivalent	В	2
29	Jointing Kit Complete for Armoured LV Cable (4x35 sqmm) Raychem or equivalent	В	2
30	Jointing Kit Complete for Armoured LV Cable (4x50 sqmm) Raychem or equivalent	В	2
31	Jointing Kit Complete for Armoured LV Cable (4x70 sqmm) Raychem or equivalent	В	2
32	Jointing Kit Complete for Armoured LV Cable (4x95 sqmm) Raychem or equivalent	В	2
33	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x120 sqmm) Raychem or equivalent	В	2
34	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x185 sqmm) Raychem or equivalent	В	2
35	Jointing Kit Complete for Armoured MV Cable 6.6 kV (1x630 sqmm) Raychem or equivalent	В	2
36	KNIPEX Cable Knife 1000V-insulated (190 mm) model 98 54	В	3
37	Magic Epoxy Steel Tube. Wt= 215grams	В	10
38	Masonary Drill Bit Set (Concrete) 14Pcs	В	5
39	Inside Micrometer Screw Gauge, Model 3221-32 (25 mm to 32mm) and Model 3221-200 (50-	В	2
	200mm) Make=INSIDE/Equivalent	В	100
40	PVC Insulated Crimp Fork/SpadeTerminal Lugs 2.5mm (SOFT TYPE)	В	100
41	PVC Insulated Crimp Fork/SpadeTerminal Lugs 4mm (SOFT TYPE)	В	100
42	PVC Insulated Crimp Fork/SpadeTerminal Lugs 6mm (SOFT TYPE)	В	100
43	PVC Insulated Crimp Ring Terminal Lugs 2.5mm (SOFT TYPE)	В	100
44	PVC Insulated Crimp Ring Terminal Lugs 4mm (SOFT TYPE)	В	100
45	PVC Insulated Crimp Ring Terminal Lugs 6mm (SOFT TYPE)	В	20
46	Polishing Paper. 1 Number. (QTY in dozen)	В	10
47	Polishing Paper. Zero Number. (QTY in dozen)	В	100
48		В	100
49		В	100
50		В	100
51		В	100
52			100
53		B	100
54		В	5
55		В	30
56		В	10
57		В	
EC			
- 58		B	
59	Rawal Bolt. Size 4mm (QTY in dozen)	В	
59 60		- 1	8
59 60 61	Rawal Bolt. Size 6mm (QTY in dozen)	В	
59 60 61 62	Rawal Bolt. Size 6mm (QTY in dozen) Rawal Bolt. Size 8mm (QTY in dozen)	В	
59 60 61 62 63	Rawal Bolt. Size 6mm (QTY in dozen) Rawal Bolt. Size 8mm (QTY in dozen) Red Insulating Varnish (Spray) Synthetic Class F Make Dolph Or Equivalent	В	10
59 60 61 62	Rawal Bolt. Size 6mm (QTY in dozen) Rawal Bolt. Size 8mm (QTY in dozen) Red Insulating Varnish (Spray) Synthetic Class F Make Dolph Or Equivalent Rubber Gloves for Electrican 2pc/pair (Qty=50x2)	B B	10 50
59 60 61 62 63	Rawal Bolt. Size 6mm (QTY in dozen) Rawal Bolt. Size 8mm (QTY in dozen) Red Insulating Varnish (Spray) Synthetic Class F Make Dolph Or Equivalent Rubber Gloves for Electrican 2pc /pair (Qty=50x2)	B B B	10 50
59 60 61 62 63 64	Rawal Bolt. Size 6mm (QTY in dozen) Rawal Bolt. Size 8mm (QTY in dozen) Red Insulating Varnish (Spray) Synthetic Class F Make Dolph Or Equivalent Rubber Gloves for Electrican 2pc /pair (Qty=50x2) Rubber Seal # VA110 (Motor Bearing Seal)	B B	10 50 15 15

69	Seal # 60 85 10 Labyrinth (Motor Bearing Seal)	В	24	
70	Seal # 65 85 10 Labyrinth (Motor Bearing Seal)	В	24	1
	Seal # 70 85 08 Labyrinth (Motor Bearing Seal)	В	24	1
		В	24	7
	Seal # 80 100 10 Labyrinth (Motor Bearing Seal) THERMOGRAPHY CAMERA, Specifications:			1
	1) IR Resolution: 320 x 240 pixels (76,800 pixels)			
	2) Object Temperature Range (minimum): -20 to 250ºC			
	3) 3 inch or above display		Ì	
l	4) Data transfer: Bluetooth/USB	_	1	
73	5) Thermal sensitivity (NETD) : <u>50mK or less</u>	В	1	
	6) More than 4 hours of rechargeable battery with travel pouch			1
	7) Must include PC Software for image analysis.		-	
	8) Must withstand 2 meter drop, water and dust resistant (IP54).		1	
	9) Frame rate = 9Hz	1		ļ
ļ	Make: FLIR or equivalent			٦.
74	Temperature Gun (infrared) Force or equivalent european brand	В	2	
75	Wooden Extension Supply Board.	В	10	1
/3	Having 4-5 Power Sockets Heavy Duty For 25-30 Amp Load. Along with Breaker 32A DP.			4
76	PVC Insulation Tape. (Black=10 roll, White=10 roll, Red=10 roll, Blue=10 roll, Yellow=10 roll) Make	В	10	1
	Nito. (10 Nos Tape in each Roll, total roll=50)		10	\dashv
77	Brass brush	В	10	\dashv
78	Cotton Rags (50kg bag), Required 250KG Or 5 bags of 50KG each	В	5	4
79	Star Set 9Pcs (with tester capability) Genuine& Good Quality	В	10	4
80	Teflon Tape (Large)	В	25	4
81	WD-40 (400ml)		30	_
82	Wire brush		10	
		_		
	Terms and Conditions- Group B			
1	Data Sheet of all line items to be provided at the time of technical bid submission (Wherever			
1	applicable).	4 .		
2	Fluke Electrical tester, Temperature Gun (infrared) & Clamp Meter to have 12 months warranty with			
	calibration certificate.	-		
3	Thermography camera to have 12 months warranty with calibration certificate.	-		
4	Manuafacture test certificate required for insulated pliers.	4		
5	Bearings seal should be of good brand / superior quality material and vendor to submit data sheet along with other available documentation.			
6	spection / electrical functionality testing (Wherever applicable) of all line items will be done by GDCL team after delivery at site. All testing instruments should be of reputable brand and vendor submit each datasheet and manual along with technical bid. Material that does not meet the pecifications mentioned in Line items/TORs will not be accepted.			