

CLARIFICATION NO: 01								
TENDER ENQUIRY NO: PROC-SERVICES/CB/P&P-4336/2019								
HIRING TECHNICAL SERVICES FOR EXECUTION OF ANNUAL TURN AROUND (ATA) 2019 JOBS OF NASHPA PLANT, DISTRICT KARAK, KPK								
(Additional job list)								
SR #	Work Order Number	PM/SR (for reference only)	Description of Job	Asset/Detail/ Equipment Tag #	Area Code	Quantity	Unit Rate (inclusive of all taxes except PST/ICT)	Total rate (inclusive of all taxes except PST/ICT)
Mechanical Activities								
Slug catcher/Separator Area								
1			Dismantling of water line		20	1		
2			Inspection/ cleaning water line		20	1		
3			Cleaning of fins of Evaporative Coooler	EA-2101	21	1		
Hot Oil Unit								
4			Installation of Scaffolding at Hot Oil Heater Manways	H-3101 A	31	100 sq ft		
5			Repair of Internal Refractory (If Required)	H-3101 A	31	1		
6			Removal of Scaffolding at Hot Oil Heater Manways	H-3101 A	31	100 sq ft		
7			Installation of Scaffolding at Hot Oil Heater Manways	H-3101 B	31	100 sq ft		
8			Repair of Internal Refractory (If Required)	H-3101 B	31	1		
9			Removal of Scaffolding at Hot Oil Heater Manways	H-3101 A	31	100 sq ft		
Condensate Stabilization Unit								
10			Condensate Stabilizer Overhead Compressor lube oil connection leakage rectification.	K-2201	22	1		
Dehydration Unit								
11			Cleaning of tubes of Regen Cooler	EA-2301	23	1		
12			Cleaning of suction strainer Regen Gas Compressor	K-2301 A	23	1		
13			Cleaning of suction strainer Regen Gas Compressor	K-2301 B	23	1		
14			Scaffolding at Regen Gas Pre Heater	E-2303	23	25 sq. ft.		
15			Removal of Insulation at Regen Gas Pre Heater	E-2303	23	40 sq. ft.		
16			Inspection/cleaning of Regen Gas Pre Heater	E-2303	23	1		
17			Installation of Insulation at Regen Gas Pre Heater	E-2303	23	40 sq. ft.		
18			Removal of Scaffolding at Regen Gas Pre Heater	E-2303	23	25 sq. ft.		
19			Scaffolding at Inlet Heat Exchanger	E-2304	23	30 sq. ft.		
20			Removal of Insulation at Inlet Heat Exchanger	E-2304	23	50 sq. ft.		
21			Inspection/cleaning of Inlet Heat Exchanger	E-2304	23	1		
22			Installation of Insulation at Inlet Heat Exchanger	E-2304	23	50 sq. ft.		
23			Removal of Scaffolding at Inlet Heat Exchanger	E-2304	23	30 sq. ft.		
24			Inspection /Replacement of drain valve of Mol.Sieve Beds		23	1		
LPG Unit								
25			Removal of insulation from Inlet Screen Spool	CS-2401	24	10 sq. ft		
26			Cleaning of Inlet Screen		24	1		
27			Installation of insulation		24	10 sq. ft		
28			Removal of insulation from Inlet Screen Spool	CS-2402	24	10 sq. ft		
29			Cleaning of Inlet Screen		24	1		
30			Installation of insulation		24	10 sq. ft		
31			Removal of insulation from Inlet Screen Spool	CS-2403	24	10 sq. ft		
32			Cleaning of Inlet Screen		24	1		
33			Installation of insulation		24	10 sq. ft		
34			Removal of insulation from Inlet Screen Spool	CS-2404	24	10 sq. ft		
35			Cleaning of Inlet Screen		24	1		
36			Installation of insulation		24	10 sq. ft		
37			Removal of insulation from Inlet Screen Spool	CS-2411	24	10 sq. ft		
38			Cleaning of Inlet Screen		24	1		
39			Installation of insulation		24	10 sq. ft		
40			Removal of insulation from Inlet Screen Spool	CS-2412	24	10 sq. ft		
41			Cleaning of Inlet Screen		24	1		
42			Installation of insulation		24	10 sq. ft		
43			Installation of Scaffolding at De Butanizer Reflux Drum	V-2406	24	35 sq. ft		
44			Inspection/ Cleaning of De Butanizer Reflux Drum	V-2406	24	1		
45			Removal of Scaffolding at De Butanizer Reflux Drum	V-2406	24	35 sq. ft		
46			Installation of Scaffolding at De Ethanizer Reflux Drum	V-2405	24	35 sq. ft		
47			Inspection/ Cleaning of De Ethanizer Reflux Drum	V-2405	24	1		
48			Removal of Scaffolding at De Ethanizer Reflux Drum	V-2405	24	35 sq. ft		
49			Cleaning of fins of De-Butanizer Condenser	EA-2401	24	1		
Utility Area								
50			Cleaning of Instrument Compressor	K-3401 A	34	1		
51			Cleaning of Instrument Compressor	K-3401 B	34	1		
52			Cleaning of Instrument Compressor air coolers		34	1		
53			Cleaning of strainer of fire water pump	P-3501 A	35	1		
54			Cleaning of strainer of fire water pump	P-3501 B	35	1		
55			Cleaning of strainer of fire water pump	P-3501 C	35	1		
56			Cleaning of strainer of Jockey water pump	P-3502 A	35	1		
57			Cleaning of strainer of Jockey water pump	P-3502 B	35	1		
58			Inspection/Cleaning of CPI tank	TR-3801	38	1		
59			Installation of Scaffolding at Flare KO Drum	V-3201	32	40 sq. ft.		
60			Inspection/Cleaning of Flare KO Drum	V-3201	32	1		
61			Removal of Scaffolding at Flare KO Drum	V-3201	32	40 sq. ft.		
62			Cleaning of strainer Flare KO Drum pump	P-3201 A	32	1		
63			Cleaning of strainer Flare KO Drum pump	P-3201 B	32	1		
64			Cleaning of strainer produced water pump	P-3804 A	38	1		
65			Cleaning of strainer produced water pump	P-3804 B	38	1		
66			Cleaning of Refrigeration package cooling tower	EA-2405	24	1		
67			Inspection/cleaning of Oily water basin	T-3801	38	1		
68			Flare Stack Burner Tip Inspection	FS-3201	32	1		
Modification Jobs								
69			Provision of bypass for Inlet Gas Chiller (10", Class 900)	E-2301	23	150 dia inch		
70			Provision of LPG Flow Meter (4", Class 600)		24	40 dia inch		
71			Methanol Provision for De-Ethanizer OverHead Condenser (1", Class		24	40 dia inch		
72			Tie-in open vent to flare at LPG loading area (3/4", Class 300)		27	50 dia inch		
73			Installation of Heat Exchahnger at upstream of MP Separator (welding/cutting job)			1200 dia. Inch		

Instrument Activities								
Dismantling, inspection, testing, calibration, reinstallation, Loop Testing & box up as per scope. lapping & refurbishment (as per condition of inst.).								
S#	Work Order Number	Description of Job	Asset/Detail/Equipment Tag #	Model/Size	Area Code	Quantity	Unit Rate	Total rate
1		Level Control Valve	LCV-H01	NORRISEAL RJ-21TGS-L8NX	NGP-SP-2100	1		
2		Level Control Valve	LCV-H02	NORRISEAL RJ-21TGS-12NX	NGP-SP-2100	1		
3		Level Control Valve	LCV-M01	NORRISEAL	NGP-SP-2100	1		
4		Level Control Valve	LCV-M02	NORRISEAL RJ-14TGS-12NX	NGP-SP-2100	1		
5		Level Control Valve	LCV-L01	NORRISEAL RF-02TGS-10NX	NGP-SP-2100	1		
6		Level Control Valve	LCV-L02	NORRISEAL RF-02TGS-12NX	NGP-SP-2100	1		
7		Level Switch LOW LOW	LSLL- 2204		NGP-CSU-2200	1		
8		Level Transmitter	LT-2403	DLC3010	NGP-LPG-2400	1		
9		Pressure Control Valve	PCV-2240		NGP-CSU-2200			
10		Pressure safety valve	PSV-2741		NGP-LPGSTLD-2700	1		
11		Pressure safety valve	PSV-6201A		NGP-SGC-2500	1		
12		Pressure safety valve	PSV-H01		NGP-SP-2100	1		
13		Pressure safety valve	PSV-H02		NGP-SP-2100	1		
14		Pressure safety valve	PSV-M01		NGP-SP-2100	1		
15		Pressure safety valve	PSV-M02		NGP-SP-2100	1		
16		Pressure safety valve	PSV-L01		NGP-SP-2100	1		
17		Temperature Transmitter	TT-3201	Rosemount 644HAISXAJ5MSQ4	NGP-FL-3200	1		
18		Dismantling, Servicing, Cleaning,Reinstallation of 06 No's Burners/Scanners of Hot Oil Heaters				6		
19		Flare stack Tip Temperature Transmitters (04 No's)Inspection/cleaning				4		
Total (inclusive of all taxes, duties, levies, charges etc., except Provincial Sales Tax (PST)/ Islamabad Capital Territory Sales Tax (ICT) on services in Pakistan)								

Clarifications of Terms & Conditions

- i Cleaning equipment for tube cleaning of fin fan coolers is in contractor scope
- ii HSD for cranes, forklifter, truck and diesel genset of contractor will be provided by OGDCL for maintenance jobs within plant premises only.
- iii No Residence facility, PPE's, food etc will be provided to contractor manpower within OGDCL premises. Contractor to arrange it during ATA.
- iv Contractor will be responsible to deal directly with locals for hiring any type of services. Security outside OGDCL premises is in contractor scope.
- v Temporary workshop facility may be established by contractor within OGDCL facility. Electric Power (for lightening & hydrottesting) & water may be provided by OGDCL within plant premises only. However contractor is advised to arrange diesel engine driven welding plants for welding jobs.
- vi Instrument air will be provided by OGDCL for instrumentation jobs, vessel ventilation, safety etc.
- vii Hot insulation will be re-used
- viii Consumables like wd40, cotton rags, electrodes, test rings , gaskets, spare parts, refractory material will be in OGDCL scope. All type of tools (maintenance and rigging) is in contractor scope.
- ix The quoted cost for each activity should be inclusive of all resources required for execution of respective job
- x Prices of the additional jobs to be quoted alongwith already advised jobs list.