

OIL & GAS DEVELOPMENT COMPANY LIMITED



TENDER ENQUIRY NO. PROC-SERVICES/CB/P&P-4643/2020

**HIRING OF SERVICES FOR EXECUTION OF ATA-2020 JOBS AT
DAKHNI PLANTS**

Note:

Bid bond of **PKR 900,000/- (Pak Rupees Nine Hundred Thousand Only)** must be submitted with the technical bid. Please see tender documents for further detail.

The master set of tender documents (services) uploaded on OGDCL website (www.ogdcl.com) is the integral part of this TOR.

HIRING OF SERVICES FOR EXECUTION OF ATA-2020 JOBS AT DAKHNI PLANTS

Dakhni gas processing plant is situated in Tehsil Jand District Attock. Dakhni plant consists of Separators, Glycol dehydration units, Amine sweetening unit, NGL fractionation unit, LPG unit and Sulphur recovery units. Annual Turn Around (ATA) is planned during 1st week of August 2020. (tentatively).

General terms & conditions.

1. Technical services are required for execution of Annual Turn Around (ATA-2020) jobs as per attached scope.
2. Total ATA duration may be tentatively 25 days. (inclusive of Initial 48 hours which are required for flushing /purging/isolation of plant equipments and 24 hours for final leak test)
3. The schedule and duration of shut down may be changed at any stage.
4. Contractor’s welding/fabrication, scaffolding and insulation crew should report at site 07 days prior to ATA schedule for Fabrication (Shop joints), Shifting and installation of scaffolding and removal of insulation.
5. Contractor’s services will remain intact at site till completion of re-insulation, painting, final housekeeping etc
6. OGDCL reserves the right to change (increase/decrease) the scope of the work at any time keeping in view the operational requirements.
7. Contractor may visit the site to further understand scope of work before submission of bid. Boarding and lodging may be provided during pre-bid site visit only.
8. Contractor should have established with minimum Five (5) years of working experience of repair and maintenance jobs and submit details of experience along with customer satisfaction/ completion certificate/verifiable documents etc.
9. The ATA jobs are required to be carried out on a fast track basis and it is, therefore, essential that the Contractor shall be prepared to execute the work on a round the clock basis (day & night shift) including on holidays. Working hours for the day may be considered 10 hrs each for day and night shift excluding lunch breaks, Tea breaks and prayer times.
10. Most of the jobs will be carried out in the day shift however limited tasks will be carried out in the night shift keeping in view the HSEQ requirements.
11. Skilled manpower should be well experienced in their respective crafts. CVs of supervisory level (mechanical, instrument and electrical) manpower to be provided in Technical Bid. The same supervisory team should be deputed at execution stage.

12. HSEQ Rules & Regulations will be strictly observed. For complete compliance, contractor will get HSEQ system manual from OGDCL at the time of mobilization.
13. Contractor's manpower will remain at site for complete Leak Test and complete plant start up.
14. OGDCL can replace any activity with another activity of the same scope.
15. After completion of each activity, work order will be duly signed from concerned maintenance sections, Process/operation section and contractor's area supervisor. OGDCL work order system to be followed.
16. Payment will be made as per actual work done after the completion of assigned ATA jobs against verified work order/invoices. Bidder to submit Annex C of provincial sale tax invoice with "submitted" status alongwith invoices.
17. Unit rates quoted by bidder shall be firm. No extra payments on account of escalation in prices due to any reason shall be admissible.
18. The Contractor shall be paid only for the work duly approved by OGDCL representative. Any rework due to poor quality, demonstrated by NDT results & inspection by OGDCL shall be on Contractor's account.
19. Contractor will be responsible for dismantling, shifting to workshop and back to site after maintenance, re-installation and alignment of equipment/motors with skilled teams.
20. Work methodologies of Jobs (modification jobs, valve testing/repairing, cleaning of vessels, Columns, heat exchangers and repair work of leakages in piping and pressure vessels) will be developed by contractor.
21. All valves will be checked for seat leak tests & body test.
22. The technical manpower must be qualified / skilled and have at least Ten (10) years of individual experience in its trade in the field of Oil & Gas/Petrochemical Processing Plants. Contractor skilled manpower may be interviewed by OGDCL professionals in all disciplines (Mechanical, Electrical and Instrument), if deemed necessary and contractor will ensure presence of required crew for such interview. The detailed CV's of direct manpower/supervisors is mandatory.
23. The Contractor shall quote separate rate in PKR for each activity against the quantities mentioned in the scope of work including all charges (tools, cranes, manpower etc). Contractor shall mention mobilization & demobilization charges separately.
24. Contractor shall submit in the technical bid; Manpower histogram, to be plotted on each-day basis to show the nos. of people to be on site for execution of ATA works scope. The manpower should be segregated/ separately shown for Mech, Electrical and Instrumentation & Control.
25. Contractor should prepare/submit daily progress report and percentage Gantt chart (planned vs actual) at end of the day.
26. Contractor will provide all the calibration certificates (Hard and Soft copy) of all the instruments which will be carried out in the ATA.
27. Proper certification of lifting gears, cranes, lifters, crane operators, drivers etc. will be mandatory.

28. Contractor should arrange HSE I/C, supervisors, inspectors, first aiders, hole watcher, rescuer, fireman and housekeeping man as per work plan activities.
29. Dakhni is sour gas processing plant (H₂S) and contractor should provide awareness to its crew about working in H₂S environment.

OGDCL RESPONSIBILITIES

1. Electricity will be provided for lightening purpose, general maintenance and hydrotest only at site. Instrument air will be provided for calibration/purging purpose. Supply of water for maintenance jobs will be in OGDCL scope. Contractor should arrange its own generator (if required) for all other purpose. No diesel will be provided by OGDCL for contractor's machinery like fork lifter, cranes, welding generator, vehicles etc. Diesel arrangement is in scope of contractor, however, in case of emergency, if any diesel is provided by OGDCL for machinery of contractor, then payment of same will be deducted from ATA invoices.
2. Welding electrode, cutting disks, WD-40 and spare parts like gaskets, bearings etc. will be provided by OGDCL.
3. Scaffolding material i.e. scaffolding pipes, clamps and wooden planks will be provided by OGDCL.
4. Painting material (Paint, thinner, turpentine, brushes), however painting services and scaffolding required during painting job at height will be contractor's scope.
5. Blind/ spades for isolation and pressure testing.
6. NDT/third party inspection/RT etc.
7. Hydro test pumps, tanks and hose pipes for in-place chemical cleaning.
8. 01 No tube bundle extractor & 01 No hydro jetting machine.
9. Site office to contractor (Old canteen).
10. 02 rooms in officer camp for contractor's supervisory officers
11. Nitrogen for leak test.

CONTRACTOR RESPONSIBILITIES

HSEQ

1. Contractor will follow OGDCL HSEQ Policy in addition to all governmental regulations applicable to the scope of work for implementation of safe execution of each activity with zero-injury. In case of any accident, OGDCL will not be liable for any claim like insurance etc.
2. Contractor shall submit, before the start of ATA, the detailed documents as follows:
 - a. HSE Risk Assessment
 - b. Emergency Preparedness and Response Plan.
3. Contractor shall strictly follow the Work-to-Permit System and shall provide plan of activities in advance, submit THAs/JHAs where required and engage only certified staff for the hot jobs.

4. Contractor shall develop and ensure Toolbox Talk Program on Safety, Health and Environmental matters in daily HSE briefings by its HSEQ Rep.
5. Provision of PPE's (Helmet, Coverall, safety shoes, gloves, goggles etc.) of all kinds to hired crew.
6. Contractor shall submit to OGDCL representative an HSE Performance Review Report on regular basis.
7. Contractor will be responsible for housekeeping, clean up the trash, spills, food waste, spill of chemicals, oils, whereas potentially hazardous wastes to be immediately reported to OGDCL HSEQ representative. Further any used material will be transported to store yard by contractor.
8. Contractor shall provide orientation on Emergency Preparedness and Response Procedure to its team and ensure that its personnel are well aware of what procedures are in practice and who is to notify in the event of any emergency.
9. Mobiles, photo camera, cigarettes, lighter etc. are prohibited in the plant premises and contractor should ensure this.
10. Contractor should arrange HSE I/C, supervisors, inspectors, first aid providers, hole watcher, rescuer, fireman and housekeeping man as per work plan activities.
11. Contractor will hire certified crane operator, scaffolder, rigger, drivers, welders, fabricators etc.
12. Each contractor's employee will wear its provided ID card in the premises of plant, ID card will be provided by the contractor displaying name & craft of each employee.
13. In case of any accident of hired crew, medical or compensation will be on contractor's scope. OGDCL will be not responsible for any unfortunate/unforeseen incident faced by manpower and equipments of contractor.
14. In case of any injury, workmanship compensation of contractor's staff will be contractor's responsibility.

Field Work

1. The contractor should prepare detailed plan (up to Level-IV in Primavera/ Microsoft Project Planner etc) for ATA activities and submit the plan covering all the ATA activities for carrying out of Dakhni Plant ATA successfully with high quality within stipulated time frame.
2. Contractor must provide man power deployment plan area wise.
3. Contractor will provide daily progress report clearly mentioning the actual work carried out against the planned work.
4. Site administration personnel with associated resources like computers, photocopiers etc.
5. The technical manpower must be qualified / skilled and have at least Ten (10) years of experience in its trade in the field of Oil & Gas/Petrochemical plants. Contractor skilled manpower may be interviewed by OGDCL professionals (Mechanical/Electrical/Instrument). Evaluation of all the short listed skilled persons will be carried out by OGDCL well before the ATA. Replacement of Skilled personnel will be done with approval of OGDCL. OGDCL reserves the right to replace any person at any time.
6. All welders must be well experienced. Documentary evidence to be provided.
7. Pre ATA jobs/ fabrication works will be started 7 days before scheduled start date of ATA.

8. Locals may be given preference while hiring of skilled/unskilled manpower.
9. Arrangement of 05 Nos diesel engine driven welding machines (minimum).
10. Cotton rages, masks, ear muff etc in contractor scope.
11. Provision of general/routine tool kit to the hired staff. (Tools like spanner sets, striking/spud spanners (24mm to 65 mm), hammers, wrenches, adjustable, ratchet sets, shackles, slings, eye bolts etc)
12. Internal Cleaning of tube bundle and pressure vessels through chemical cleaning or lancer cleaning is in contractor scope as per requirement/recommended by OGDCL team at site.
13. 01 No Hydraulic bolt tensioner/bolt tightener along with operator (55 mm, 60 mm, 65 mm, 95 mm and 115 mm). Requirement of hydratight is mentioned with relevant job. It may also be utilized for some control valves.
14. 01 No Hydro jetting machine along with operator (Engine driven).
15. Contractor shall arrange tools and skilled manpower with proper PPE's for control valve and PSV's pressure testing. Contractor must arrange reputable third party contractor for certification of all the PSV's.
16. Skilled machinists to be provided by contractor for isolation valves/Control valves repairing.
17. Lapping machine and expert machinist to be arranged by contractor.
18. Skilled tray fitter for trays dismantling/installation jobs of towers.
19. Contractor should arrange following equipments for instrument related jobs:
 - I. Lathe Machine along with expert machinist = 01 No
 - II. Lapping Machine / equipment for Lapping of seats, plugs & disks of Control Valves & PSVs= 01 No
 - III. PSV test Bench / Hydro test equipments, pressure upto 2000 PSIG= 01 No
 - IV. HART Communicators = 02 No
 - V. milli Ampere Source, Multimeter (02 Nos),
 - VI. Pneumatic Calibrators. 02 nos
 - VII. Digital Multimeters (Fluke / Yokogawa) 02 nos
 - VIII. All essential tools in order to perform the mentioned jobs during ATA.
20. Sufficient Electrical cables (2/3/4 cores), electrical panels, Junction Boxes (having circuit breaker /protections available) for provision of electric supply to different area of plant for jobs like exhaust fans, lights, 24V lights in vessels, cutting, grinding etc will be in contractor scope.
21. Test equipment for electrical related jobs like, multi-meters, ampere meters, digital earth testers, bearing heater shall be arranged and provided by the contractor. (calibration certificates shall be provided by the contractor for test equipment).
22. Contractor will submit company HSE policy manual for implementation of safe execution of each activity with zero-injury target. In case of any accident, OGDCL will not be liable for any claim.
23. Contractor should arrange HSE team, supervisors, inspectors, first aiders, and will work with close coordination of OGDCL team.
24. Tool kits to electricians and instrument fitters/technicians (Tools like pliers, cutters, star set, comb spanner set, L-key set screw drivers etc.).
25. Removal of Insulation/ cladding and re-installation by skilled insulators.

26. Scaffolding services is in contractor scope.
27. Security clearance of all the hired crew will be carried out by the contractor. OGDCL may provide security to contractor crew within the premises of plant during job execution only. Any issues/matters between the contractor and locals will be solely resolved by the contractor. The contractor will have no authority to terminate/hold the job due to any concerns/issues with locals. The contractor will have to deal with locals at its own. OGDCL will be not responsible for any incident.
28. Boarding / Lodging to all the hired crew will be provided by the contractor.
29. Pick and drop facility for hired crew is in contractor scope.
30. Contractor manpower must have CNIC and contractor identity card, and will follow OGDCL security policy.
31. Contractor will supply Cranes and Fork Lifters to accomplish the attached SOW within stipulated time frame. However, following minimum logistic support with proposed allocation is recommended:

S.No	Detail	Qty	Utilization
1.	Hydraulic Crane, Capacity 100 Ton, boom length 180-200 feet	01 No	Separator, Flare & SRU area Jobs
2.	Hydraulic Crane, Capacity 60 Ton	01 No	Amine & Glycol Area Jobs
3.	Hydraulic Crane, Capacity 40 Ton	01 No	NGL & LPG area Jobs
4.	Hydraulic Crane, Capacity 40 Ton	01 No	Fabrication, Elect and inst. Jobs
5.	Fork Lifters, Capacity 05 Ton	03 No	For Mech Jobs
6.	Fork Lifter(Telescopic), Capacity 05 ton	01 No	Elect and inst. Jobs

In case of malfunctioning of crane/lifter, OGDCL will deduct the rental charges as per actual based on prevailing market rates.

32. Soft copies of work order may be provided to bidder upon request.
33. Quotation required in PKR against each individual activity to execute the jobs given in the scope of work (SOW) for ATA.
34. Sample Work order and HSE protocol for contractor are attached herewith.
35. The Contractor shall be responsible for ventilation and getting the vessels fit for entry and working environment

Contractor will be responsible for electric power and water supply for their own manpower at its residence facility.

BIDDER QUALIFICATION:

1. All the interested parties intending to participate to execute the ATAs must fulfil all the requirements / parameters required for bidder qualification as per tender document in their bids. The evaluation of the bids shall be carried out through grading of the contractors according to marks calculated as per criteria attached. A Contractor should earn minimum qualifying marks in each category & total 70 marks as overall in order to qualify. The Minimum qualifying marks in each category are also defined.

2. The Contractor(s) are required to provide the following documents for bidder qualification:
 - I. Certified copy of valid NTN / GST certificates.
 - II. Contractor profile.
 - III. Documentary proof for providing the services by contractor for maintenance jobs (which include copy of purchase orders, Contract, completion certificates etc) of at least Five 05 years in oil & gas or petrochemical plants. The supervisory manpower should have atleast 10 year of experience for ATA's in Oil & gas or petrochemical sector. Any ATA experience at other plants like sugar, textile, cement, power generation units etc. will not be considered. Project (like erection of new plants etc.) experience will not be considered as ATA experience.
 - IV. Comprehensive list of all available equipment, tools, camp, office & workshop facilities, logistic equipment, cranes, lifters etc. should be provided. It may be verified physically if necessary.
 - V. Contractor's site organogram of ATA, manpower deployment plan & equipment deployment plan with total numbers of each craft, machinery, tools etc. It should cover all required resources (manpower, machinery & tools) specially; Mechanical, Instrument, Electrical, HSEQ, Inspection crews etc.
 - VI. CVs of the all Management & Supervisory ATA team (as per organogram). The Managers, Engineers, supervisors should have experience of ATA execution.
 - VII. List of all the offices and service agencies across Pakistan.
 - VIII. Contractor's HSEQ policy & detail required to claim the marks as per annexure-A Sr. No. 05.
 - IX. Verifiable copy of purchase orders & satisfactory performance certificate from Oil & Gas companies, refineries or petrochemical plants for execution of previous ATA in order to claim the marks.
 - X. Lev-1 or 2 (MS Project/MS project or equivalent) schedule to demonstrate how the ATA work will be executed within OGDCL specified time line. The schedule must include all major machinery and tools/ equipment required to carry out ATA activities.
3. In case of bid submitted by any Joint Venture Contractors, the experience of one Contractor will be considered for evaluation (for example 01-year experience of one Contractor & 01 year of the another JV Contractor will not be considered as two years. Similarly, two ATAs performed by one Contractor & one ATA by JV will not be considered as three ATAs. Contractor to provide JV agreement.
4. Contractor declared as black listed at PPRA website will not be entertained.
5. All interested parties / bidders are requested to visit at site to clarify / understand the scope of work if deem necessary. It will also helpful to understand the scope & submit the bid well in time.

6. OGDCL requirement for bidders is to explicitly demonstrate in their “Technical Bid Submission” that they have allocated enough manpower, machinery, equipment, tools etc. to carry out all ATA activities safely and within planned timeline. Any bidders appearing to be short of resources in their technical bid submission may be rejected. It should also be noted that after award of ATA Contract/service order by OGDCL, Contractor shall have sole responsibility to review the current situation/ onsite situation (including any changes to priorities by OGDCL) and arrange the additional resources (people/ machinery, Tools, equipment, etc.) to ensure ATA delivery within stipulated timeline and OGDCL defined targets. All such activities shall be performed without additional and/or extra cost to OGDCL.
7. Bidder shall confirm to provide & execute all activities as per TOR / Scope of work, any bidder who will obtain 70 marks but not confirm to execute complete TOR / Scope of work will be declared as technically non responsive.

Contractor Qualification Criteria (MARKS)

Sr#	Evaluation Item	Description of Criteria	Marks Calculations	Max. Marks	Min. Qualifying Marks	Remarks
1.	Contractor strength to execute Mechanical, Electrical & Instrumentation work.	Contractor should have past experience for execution of Mechanical, Electrical and Instrument works.	Fully Complied = 15	15	15	The Contractor should submit the detail of scope of work along with supporting documents to prove that they have executed Mechanical, Electrical & Instrument activities during ATAs of oil & gas and petrochemical plants. Experience of Contractor itself will be considered only (experience of manpower is separately covered in TOR)
2.	Specific experience of Annual Turn Around (ATA).	Contractor's experience of ATAs.	Only ATA experience will be considered for marks calculation as per break up given in remarks. ATA's of oil & gas sector and petrochemicals plants will be considered only. <i>Break up of ATA jobs/work orders in specific year for specific plant will be considered as single ATA.</i>	30	10	In order to get 06 Marks for each ATA, the value/ worth of each previous ATA performed by contractor should be at least 10 Million (PKR). If value/ Cost of ATA performed is less than 10 Million but above 07 Million (PKR) 05 points each. If value/ Cost of ATA performed is less than 07 Million but above 04 Million (PKR) 04 points each. If value/ Cost of ATA performed is less than 04 Million but above 1.5 Million (PKR) 03 points each. If value/ Cost of ATA performed is less than 1.5 Million then it will not be considered.
3.	Certifications.	Contractor should provide following valid certificates; 1. ISO 9000	1. 04 Marks 2. 03/02/02 Marks 4. 04 Marks	15	04	Contractor should submit the valid copy of certificates. No marks for in-progress status and

Sr#	Evaluation Item	Description of Criteria	Marks Calculations	Max. Marks	Min. Qualifying Marks	Remarks
		certification: 2. ASME U/R/S-Stamp 3. PEC Registration				expired certificates.
4.	Offices, Workshop, Tools, Equipment, Machinery, Infrastructure.	Contractor should have following facilities with in Pakistan. 1. Workshop & office, 2. Tools to execute the ATA activities (Mechanical, Instrument, Electrical). 3. Equipment / Machinery (Valve test bench, hydro jetting machines, welding machines/ Generators) 4. Cranes, fork lifters. 5. Relevant professional CVs & site deployment Organogram for Mechanical, Instrument & Electrical works.	1. 03Marks 2. 08 Marks 3. 03 Marks 4. 06 Marks (04 + 02) 5. 10 Marks.	30	15	Established workshop: 02 Marks Established Office: 01 Marks Mechanical tools: 04 Marks. Instrument tools: 02 Marks. Electrical tools: 02 Marks. 01 Marks for each main equipment / Machinery. 01 Crane (Min 30-50 tons). 02 Marks Max: 04 Marks 01 fork lifters (Min 3 Tons). 01 Mark Max: 02 marks Organogram: 02 Mark. Mechanical CVs: 04 Mark Electrical CVs: 02Mark Instrument CVs: 02Mark
5.	Safety & HSE Policy	1. Contractor's documentary evidence of HSE policy with commitment to provide PPE, Helmet, Ear plugs and safety shoes to the skilled labour at work. 2. Well defined HSE policy with commitment and to provide 1 Million Safe Man hours' record. 3. Deployment of first aid boxes & medical team for the labour at site.	1. 04 Marks for full compliance, partial compliance zero Marks. 2. 04 Marks, 3. 02 Marks for full compliance partially compliance zero Marks.	10	06	The Contractor having 1 Million safe man hours record will be awarded 04 marks while the Contractor who will provide 0.5 Million safe man hours record will be awarded 02 Marks.

Total Marks= 100

Minimum Qualifying Marks = 70

- Contractors capable of executing Electrical, Instrument & Mechanical activities will be considered for qualification. Partial compliance i.e. if the Contractor has experience of mechanical jobs only, having no experience in Electrical & Instrumentation field & vice versa, then it will be not considered for qualification.
- Contractor should score minimum qualifying marks in each category as mentioned in above table. In addition, the total marks should also be not less than 70. Any contractor who will score less than 70 marks shall not be considered for qualification.
- In case of JV, JV agreement to be provided by contractor. Experience of both JV partners will be not added together for marks calculation in single category.

Financial Rate Format

SR #	WO#	Description of Job	Asset/Detail/ Equipment Tag #	Area Code	Quantity	Unit rate in PKR	Total Price in PKR
Mechanical section							
Separator/Flare/Utilities Area Activities							
1	19-32618	Scaffolding at Separator Area	Approx 2500 sq.ft.	DKN-100	2500 sq feet		
2	19-32619	Removal of Insulation at Separator Area	Approx 1500 sq. ft	DKN-100	1500 sq feet		
3	19-32620	Complete Cleaning including Demister of HP Separator-Sour (hydratight required)	100-FA-01	DKN-100	1		
4	19-32621	Complete Cleaning including Demister of HP Separator-Sour (hydratight required)	100-FA-02	DKN-100	1		
5	19-32622	Complete Cleaning including Demister of HP Test Separator-Sour (hydratight required)	100-FA-03	DKN-100	1		
6	19-32623	Complete Cleaning including Demister of LP Separator-Sour	100-FA-04	DKN-100	1		
7	19-32624	Complete Cleaning including Demister of HP Separator-Sweet (hydratight required)	100-FA-05	DKN-100	1		
8	19-32625	Complete Cleaning including Demister of HP Test Separator-Sour (hydratight required)	100-FA-06	DKN-100	1		
9	19-32626	Complete Cleaning of Produced Sour Water Degasser	903-FA-02	DKN-100	1		
10	19-32627	Complete Cleaning of HC Flare KnockOut Drum	902-FA-01	DKN-902	1		
11	19-32628	Complete Cleaning of Acid Gas Flare KnockOut Drum	902-FA-02	DKN-902	1		
12	19-32629	Complete Cleaning of HC Flare Knockout Pump	902-GA-01A	DKN-902	1		
13	19-32630	Complete Cleaning of HC Flare Knockout Pump	902-GA-02B	DKN-902	1		
14	19-32631	Complete Cleaning of Acid Gas K.O pump	902-GA-02B	DKN-100	1		
15	19-32632	Complete Cleaning of Hydrocarbon Flare Stack	902-FA-04	DKN-902	1		
16	19-32633	Complete Cleaning of Acid Gas Flare Stack	902-FA-05	DKN-902	1		
17	19-32634	Complete Cleaning of NGL Stock Tank	100-FB-01	DKN-100	1		
18	19-32635	Complete Cleaning of NGL Stock Tank	100-FB-02	DKN-100	1		
19	19-32636	Complete Cleaning of NGL Stock Tank	100-FB-03	DKN-100	1		
20	19-32637	Inspection/Maintenance of IA compressor	805-C-001A	DKN-800	1		

21	19-32638	Inspection/Maintenance of IA compressor	805-C-001B	DKN-800	1		
22	19-32639	Complete Cleaning of Cooling Tower forced Draft	801-CT-01F	DKN-800	1		
23	19-32640	Complete Cleaning of Cooling Tower forced Draft	801-CT-01E	DKN-800	1		
24	19-32641	Complete Cleaning of Cooling Tower forced Draft	801-CT-01D	DKN-800	1		
25	19-32642	Complete Cleaning of Cooling Tower forced Draft	801-CT-01C	DKN-800	1		
26	19-32643	Complete Cleaning of Cooling Tower forced Draft	801-CT-01B	DKN-800	1		
27	19-32644	Complete Cleaning of Cooling Tower forced Draft	801-CT-01A	DKN-800	1		
28	19-32645	Complete Cleaning of slug catcher (Hydratight required)	slug catcher area	DKN-100	1		
29	19-32646	Complete Cleaning of line heater	slug catcher area	NA	1		
30	19-32647	Inspection/Maintenance of Demin Water Pump	912-GA-01A	DKN-912	1		
31	19-32648	Inspection/Maintenance of Demin Water Pump	912-GA-01B	DKN-912	1		
32	19-32649	Internal Cleaning of Demin Water Tank	912-FB-01	DKN-912	1		
33	19-32650	Servicing/Inspection/Replacement of Well Flow Lines/HP&Test Headers Valves (6"x600 12 Nos & 8" Class 600/900 10 Valves).		DKN-100	1		
34	19-32651	Servicing/Inspection/Replacement of Well Flow Lines NRV's (6" Class 900 10 Nos, 8" Class 900 06 Nos).		DKN-100	1		
35	19-32652	Inspection/Maintenance of Crude Transfer Pump	100-GA-01A	DKN-100	1		
36	19-32653	Inspection/Maintenance of Crude Transfer Pump	100-GA-01B	DKN-100	1		
37	19-32654	Complete Cleaning of Sour Water Degasser	903-FA-01	DKN-100	1		
38	19-32655	Complete Cleaning of Sour Water Degasser	903-FA-03	DKN-100	1		
39	19-32656	Inspection/Maintenance of Raw water Pump	802-GA-01A	DKN-800	1		
40	19-32657	Inspection/Maintenance of Raw water Pump	802-GA-01B	DKN-800	1		
41	19-32658	Inspection/Maintenance of Potable water Pump	803-GA-01A	DKN-800	1		
42	19-32659	Inspection/Maintenance of Potable water Pump	803-GA-01A	DKN-800	1		
43	19-32662	Maintenance of Demin Water Plant	912-PA-01	DKN-800	1		
44	19-32663	Inspection/Maintenance of Fire Water Pump-Motor driven	901-GA-01A	DKN-800	1		
45	19-32664	Inspection/Maintenance of Fire Water Pump-Engine driven	901-GA-01B	DKN-800	1		
46	19-32665	Inspection/Maintenance of Cooling Water Pump	801-GA-01A	DKN-800	1		
47	19-	Inspection/Maintenance of	801-GA-01B	DKN-	1		

	32666	Cooling Water Pump		800			
48	19-38106	Dismantling of lines of old off gas compressor		DKN-100	1		
49	19-38108	Modification of gas gathering system		DKN-100	1		
50	19-38107	Dismantling Dryers of Old Instrument Air Compressors	805-GB-02	DKN-800	1		
51	19-32668	Removal of Scaffolding from Separator Area	Approx 2500 sq.ft.	DKN-100	2500 sq feet		
52	19-32670	Installation of Insulation at Separator Area	Approx 1500 sq. ft	DKN-100	1500 sq feet		
Amine/Glycol/Hot Oil Area Activities							
53	19-32672	Scaffolding at Amine/Glycol/Hot oil Areas	Approx 500 sq.ft.	DKN-200	5000 sq feet		
54	19-32673	Removal of Insulation at Amine/Glycol/Hot oil Areas	Approx 4000 sq. ft	DKN-200	4000 sq feet		
55	19-32674	Servicing of Battery Limit Valves 8"/6"/4"x600 (01 each)		DKN-400	1		
56	19-32675	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of New Sour Gas Cooler (hydratight required)	21-EA-201A	DKN-210	1		
57	19-32676	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of New Sour Gas Cooler (hydratight required)	21-EA-201B	DKN-210	1		
58	19-32677	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Gas Pre Cooler (hydratight required)	20-EA-202	DKN-200	1		
59	19-32678	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas Exchanger	30-EA-301A	DKN-300	1		
60	19-32679	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas Exchanger	30-EA-301B	DKN-300	1		
61	19-32680	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol Reflux Cooler	30-EA-302	DKN-300	1		
62	19-32681	Complete Cleaning of Hot Oil Expansion Vessel	830-FA-01	DKN-800	1		
63	19-32682	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Amine Feed Bottom Exchanger	40-EA-401A	DKN-400	1		
64	19-32683	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Amine Feed Bottom Exchanger	40-EA-401B	DKN-400	1		
65	19-32684	Removal of Tube Bundle/Hydrojet	40-EA-402A	DKN-400	1		

		Cleaning/Hydrotest of Amine Regenerator Reboiler					
66	19-32685	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Amine Regenerator Reboiler	40-EA-402B	DKN-400	1		
67	19-32686	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Sour Gas Cooler	21-EA-201A	DKN-210	1		
68	19-32687	Complete Cleaning of Trays of Amine Absorber (hydratight required)	20-DA-201	DKN-200	1		
69	19-32688	Complete Cleaning of Trays of Glycol Absorber	20-DA-202	DKN-200	1		
70	19-32689	Complete Cleaning of Trays of Glycol Tower	DA-203	DKN-210	1		
71	19-32690	Complete Cleaning of Trays of Amine Regenerator Tower	40-DA-401	DKN-400	1		
72	19-32691	Complete Cleaning of Sour Gas Knockout Drum (hydratight required)	20-FA-201	DKN-200	1		
73	19-32692	Complete Cleaning of Absorber Inlet Knockout Drum (hydratight required)	20-FA-202	DKN-200	1		
74	19-32693	Complete Cleaning of Inlet Knockout Drum	21-FA-203	DKN-210	1		
75	19-32694	Complete Cleaning of Outlet Knockout Drum	21-FA-204	DKN-210	1		
76	19-32695	Complete Cleaning of Amine Regenerator Overhead Drum	40-FA-401	DKN-400	1		
77	19-32696	Complete Cleaning of Rich Amine Flash Drum	40-FA-403	DKN-400	1		
78	19-32697	Complete Cleaning of Glycol Flash Drum	30-FA-301	DKN-300	1		
79	19-32698	Complete Cleaning of Glycol Surge Drum	30-FA-302	DKN-300	1		
80	19-32699	Complete Cleaning of Glycol Reboiler Drum	30-FA-303/304	DKN-300	1		
81	19-32700	Complete Cleaning of MP Separator (hydratight required)	110-FA-01	DKN-210	1		
82	19-32701	Complete Cleaning of LP Separator (hydratight required)	110-FA-02	DKN-210	1		
83	19-32702	Removal of Tube Bundle/Cleaning/Hydrotest of Glycol/Glycol Exchanger	EA-310B	DKN-210	1		
84	19-32705	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol Reboiler	BA-313	DKN-210	1		
85	19-32706	Complete Cleaning of Glycol Stripping Column	DA-301	DKN-300	1		
86	19-32707	Servicing of N2 Header Isolating Valves/ NRVS (3" Class 150 06 Nos, 2" Class 150 04 Nos)		DKN-800	1		

87	19-32708	Complete Cleaning of Lean Amine Solution Cooler	40-EC-401A	DKN-400	1		
88	19-32709	Complete Cleaning of Lean Amine Solution Cooler	40-EC-401B	DKN-400	1		
89	19-32710	Complete Cleaning of Lean Amine Solution Cooler	40-EC-401C	DKN-400	1		
90	19-32711	Complete Cleaning of Lean Amine Solution Cooler	40-EC-401D	DKN-400	1		
91	19-32712	Complete Cleaning of Amine Regenerator Overhead Condenser	40-EC-402A	DKN-400	1		
92	19-32713	Complete Cleaning of Amine Regenerator Overhead Condenser	40-EC-402B	DKN-400	1		
93	19-32714	Complete Cleaning of Hot Oil Expansion Vessel	830-FA-01	DKN-400	1		
94	19-32715	Inspection/Maintenance of Lean Amine Pump	40-GA-403A	DKN-400	1		
95	19-32716	Inspection/Maintenance of Lean Amine Pump	40-GA-403B	DKN-400	1		
96	19-32717	Inspection/Maintenance of Amine Regenerator Reflux Pump	40-GA-401A	DKN-400	1		
97	19-32718	Inspection/Maintenance of Amine Regenerator Reflux Pump	40-GA-401B	DKN-400	1		
98	19-32719	Complete Cleaning /Replacement of Filters of Cartridge Filter Skid	40-FD-401A	DKN-400	1		
99	19-32720	Complete Cleaning /Replacement of Filters of Cartridge Filter Skid	40-FD-401B	DKN-400	1		
100	19-32721	Complete Cleaning /Replacement of Filters of Charcoal Filter Skid	40-FD-402A	DKN-400	1		
101	19-32722	Inspection/Maintenance of Glycol Pump	30-GA-301A	DKN-300	1		
102	19-32723	Inspection/Maintenance of Glycol Pump	30-GA-301B	DKN-300	1		
103	19-32724	Inspection/Maintenance of Hot oil pump	830-GA-01A	DKN-800	1		
104	19-32725	Inspection/Maintenance of Hot oil pump	830-GA-01B	DKN-800	1		
105	19-32726	Inspection/Maintenance of Hot oil pump	830-GA-01C	DKN-800	1		
106	19-32727	Inspection/Maintenance of Hot oil pump	830-GA-02A	DKN-800	1		
107	19-32728	Inspection/Maintenance of Hot oil pump	830-GA-02B	DKN-800	1		
108	19-32729	Complete Cleaning of Glycol Flush Drum	FA-310	DKN-210	1		
109	19-32730	Removal of Tube Bundle/Cleaning/Hydrotest of Amine trim cooler (Hydratight required)	EA-403	DKN-400	1		
110	19-32731	Complete Cleaning /Replacement of Filters of Cartridge Filter Skid	30-FD-301A	DKN-300	1		
111	19-32732	Complete Cleaning /Replacement of Filters of Cartridge Filter Skid	30-FD-301B	DKN-300	1		
112	19-32735	Inspection/Maintenance of Glycol Pump (Kimray)	31-GA-310A	DKN-310	1		
113	19-	Inspection/Maintenance of	31-GA-310B	DKN-	1		

	32737	Glycol Pump (Kimray)		310			
114	19-32738	Inspection/Maintenance of Glycol Pump (Kimray)	31-GA-310C	DKN-310	1		
115	19-32739	Inspection/Maintenance of Glycol Pump (Kimray)	31-GA-310D	DKN-310	1		
116	19-32740	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol/Glycol Exchanger	31-EA-310A	DKN-210	1		
117	19-32741	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol/Glycol Exchanger	31-EA-311A	DKN-210	1		
118	19-32742	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol/Glycol Exchanger	31-EA-311B	DKN-210	1		
119	19-32743	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol/Glycol Exchanger	31-EA-312A	DKN-210	1		
120	19-32744	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Glycol/Glycol Exchanger	31-EA-312B	DKN-210	1		
121	19-32745	Servicing/replacement of isolating valves 06Nos 4"x600 of 20-LCV-03.	20-DA-201	DKN-400	1		
122	19-32746	Complete Cleaning /Replacement of Filters of Charcoal Filter Skid at New Dehy	31-FA-312	DKN-210	1		
123	19-32747	Servicing/replacement of Isolating Valves at Amine/Dehydration Area (3/4" Class 1500 08 Nos, 1-1/2" Class 1500 06 Nos, 2" Class 600 20 Nos, 2" Class 900 12 Nos, 4" Class 600 04 Nos, 6" Class 600 06 Nos, 10" Class 150 04 Nos)		DKN-200	1		
124	19-38109	Dismantling off gas treatment equipment of Amine Flash Drum (FA-403)	FA-403	DKN-200	1		
125	19-32749	Removal of Scaffolding from Amine/Glycol/Hot oil Areas	Approx 5000 sq.ft.	DKN-200	5000 sq feet		
126	19-32750	Installation of Insulation at Amine/Glycol/Hot oil Areas	Approx 5000 sq. ft	DKN-200	5000 sq feet		
NGL/LPG/DPR Area Activities							
127	19-32751	Scaffolding at NGL/LPG/DPR Areas	Approx 2500 sq.ft.	DKN-600	2500 sq feet		
128	19-32752	Removal of Insulation at NGL/LPG/DPR Areas	Approx 6000 sq. ft	DKN-600	6000 sq feet		
129	19-32753	Complete Cleaning of NGL Fractionator Feed Drum	60-FA-601	DKN-600	1		
130	19-32754	Complete Cleaning of NGL Fractionator Overhead Drum	60-FA-602	DKN-600	1		
131	19-32755	Complete Cleaning of De-Ethanizer Overhead Drum	60-FA-603	DKN-600	1		

132	19-32756	Complete Cleaning of De-Butanizer Overhead Drum	60-FA-604	DKN-600	1		
133	19-32757	Complete Cleaning of Trays of NGL Fractionator Tower	60-DA-601	DKN-600	1		
134	19-32758	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Feed Bottom Exchanger	60-EA-601A	DKN-600	1		
135	19-32759	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Feed Bottom Exchanger	60-EA-601B	DKN-600	1		
136	19-32760	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Feed Bottom Exchanger	60-EA-601C	DKN-600	1		
137	19-32761	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Feed Bottom Exchanger	60-EA-601D	DKN-600	1		
138	19-32762	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Fractionator Bottom Reboiler	60-EA-602	DKN-600	1		
139	19-32763	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of NGL Fractionator Ovhd Condenser	60-EA-603	DKN-600	1		
140	19-32764	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-601A	DKN-600	1		
141	19-32765	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-601B	DKN-600	1		
142	19-32766	Complete Cleaning of NGL Fractionator Bottom Cooler	60-EA-604	DKN-600	1		
143	19-32767	Complete Cleaning of NGL Stripping Column	DA-2000	DKN-600	1		
144	19-32768	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of De-Ethanizer Reboiler	60-EA-606	DKN-600	1		
145	19-32769	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of De-Butanizer Reboiler	60-EA-608	DKN-600	1		
146	19-32770	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of De-Butanizer Bottom Cooler/Shell replacement	60-EA-609	DKN-600	1		
147	19-32771	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of LPG Product Cooler	60-EA-610	DKN-600	1		
148	19-32772	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of De-	60-EA-612	DKN-600	1		

		Butanizer(over head trim cooler)					
149	19-32773	Complete Cleaning of NGL Feed Drum	50-FA-504	DKN-500	1		
150	19-32774	Inspection/Maintenance of MEG Package	PA-504	DKN-500	1		
151	19-32775	Servicing/replacement of isolation & bypass valves at LPG/DPR areas (3/4" Class 800/1500 12 Nos, 2" Class 600 06 Nos, 3" Class 150 04 Nos, 6" Class 300/600 04 Nos)		DKN-500			
152	19-32776	Complete Cleaning HP Fuel Gas Drum	806-FA-01	DKN-800	1		
153	19-32777	Complete Cleaning LP Fuel Gas Drum	806-FA-02	DKN-800	1		
154	19-32778	Complete Cleaning of packing of De-Ethanizer Tower	60-DA-602	DKN-600	1		
155	19-32779	Complete Cleaning of packing of De-Buthanizer Tower	60-DA-603	DKN-600	1		
156	19-32780	Complete Cleaning of Cold Separator Drum	50-FA-501	DKN-500	1		
157	19-32781	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501A	DKN-500	1		
158	19-32782	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501B	DKN-500	1		
159	19-32783	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501C	DKN-500	1		
160	19-32784	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501D	DKN-500	1		
161	19-32785	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501E	DKN-500	1		
162	19-32786	Removal of Tube Bundle/Hydrojet Cleaning/Hydrotest of Feed Gas-Off Gas Exchanger	50-EA-501F	DKN-500	1		
163	19-32787	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-602A	DKN-600	1		
164	19-32788	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-602B	DKN-600	1		
165	19-32789	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-603A	DKN-600	1		
166	19-32790	Inspection/Maintenance of NGL Fractionator Reflux Pump	60-GA-603B	DKN-600	1		
167	19-32791	Maintenance of Refrigeration package	PA-501	DKN-500	1		
168	19-	Inspection/Maintenance of LPG	911-GA-01A	DKN-	1		

	32792	Loading Pump		910			
169	19-32793	Inspection/Maintenance of LPG Loading Pump	911-GA-01B	DKN-910	1		
170	19-32794	Inspection/Maintenance of Crude Oil Loading Pump	910-GA-01A	DKN-910	1		
171	19-32795	Inspection/Maintenance of Crude Oil Loading Pump	910-GA-01B	DKN-910	1		
172	19-32796	Removal of Tube Bundle/Cleaning/Hydrotest of Lean Amine Cooler	60-EA-611	DKN-600	1		
173	19-32797	Complete Cleaning of NGL Fractionator OFF Gas Amine	60-DA-604	DKN-600	1		
174	19-32799	Removal of Scaffolding from NGL/LPG/DPR Areas	Approx 5000 sq.ft.	DKN-600	5000 sq feet		
175	19-32800	Installation of Insulation at NGL/LPG/DPR Areas	Approx 6000 sq. ft	DKN-600	6000 sq feet		
176	19-38110	Isolation of DPR-II		DKN-PLANT	1		
177	19-38111	Dismantling of Old NGL Stripper (DA-2000A)	DA-2000A	DKN-600	1		
178	19-38112	Dismantling Lines of Old NGL Stripper (DA-2000A)	DA-2000A	DKN-600	1		
179	19-38113	Dismantling Skid of Coalescer Filter	50-FC-507	DKN-500	1		
SRU-II/Turbine Area Activities							
180	19-32801	Scaffolding at SRU-II	Approx 5000 sq.ft.	DKN-700	5000 sq feet		
181	19-32802	Removal of Insulation at SRU-II	Approx 5000 sq.ft.	DKN-700	5000 sq feet		
182	19-32804	Complete Cleaning/hydrotest of Sulphur Run Down Lines		DKN-1900	1		
183	19-32805	Dismantling/Dechocking and cleaning of Sulphur Crosses		DKN-1900	1		
184	19-32806	Servicing/repairing of isolation valves (3/4" Class 800/1500 10 Nos, 10" Class 150 04 Nos)		DKN-1900	1		
185	19-32807	Replacement of Faulty steam traps (20 Nos)		DKN-1900	1		
186	19-32808	Complete Cleaning of Blow Down Drum	D-5001	DKN-1900	1		
187	19-32809	Complete Cleaning of Condensate Flash Tank	D-5002	DKN-1900	1		
188	19-32810	Complete Cleaning of Acid Gas Scrubber	D-1901	DKN-1900	1		
189	19-32811	Replacement/Complete Cleaning of HP Steam Condenser	19-EC-1901	DKN-1900	1		
190	19-32812	Replacement/Complete Cleaning of LP Steam Condenser	19-EC-1902	DKN-1900	1		
191	19-32813	Inspection/Maintenance of HP Boiler Feed Water Pump	19-P-5001A	DKN-1900	1		
192	19-32814	Inspection/Maintenance of HP Boiler Feed Water Pump	19-P-5001B	DKN-1900	1		
193	19-32815	Rectification of gland packing of all steam service valves		DKN-1900	1		
194	19-32816	Complete Cleaning of De-aerator	D-5003	DKN-1900	1		

195	19-32817	Inspection/Maintenance of Condensate Pump	19-P-5003B	DKN-1900	1		
196	19-32818	Complete Cleaning of Tail Gas Thermal Oxidizer	PA-1904	DKN-1900	1		
197	19-32819	Pouring arm steam jacketed valves installation		DKN-1900	1		
198	19-32820	Foot valve replacement of cooling water storage tank		DKN-1900	1		
199	19-32821	Dismantling of valves 903/906/909		DKN-1900	1		
200	19-32822	Maintenance of Gas Turbine-A (Air filters replacement, dampers servicing, refractory repairing of WHRU)	TB-5000-A	DKN-1900	1		
201	19-32823	Maintenacne of Gas Turbine-B (Air filters replacement, dampers servicing, refractory repairing of WHRU)	TB-5000-B	DKN-800	1		
202	19-32824	Maintenacne of Gas Turbine-C (Air filters replacement, dampers servicing, refractory repairing of WHRU)	SGT-100	DKN-300	1		
203	19-32825	Inspection/Maintenance of Release Agent Pump	19-P-1905A	DKN-1900	1		
204	19-32826	Inspection/Maintenance of Release Agent Pump	19-P-1905B	DKN-1900	1		
205	19-32827	Complete Cleaning of Sulphur Condenser SRU-II	E-1902	DKN-1900	1		
206	19-32828	Inspection/Maintenance of Sulphur Feed Pump	19-P-1903A	DKN-1900	1		
207	19-32829	Inspection/Maintenance of Sulphur Feed Pump	19-P-1903B	DKN-1900	1		
208	19-32830	Conveyer belts alignment, roller greasing, faulty roller replacement of sulfur palletizing unit		DKN-1900	1		
209	19-32831	Inspection/Maintenance of Acid Gas Scrubber Pump	19-P-1901A	DKN-1900	1		
210	19-32832	Inspection/Maintenance of -Acid Gas Scrubber Pump	19-P-1901B	DKN-800	1		
211	19-32833	Inspection/Maintenance of Process Air Blower	19-C-1901A	DKN-800	1		
212	19-32834	Inspection/Maintenance of Process Air Blower	19-C-1901B	DKN-1900	1		
213	19-32835	Inspection/Maintenance of Sulphur Transfer Pump	19-P-1902A	DKN-1900	1		
214	19-32836	Inspection/Maintenance of Sulphur Transfer Pump	19-P-1902B	DKN-1900	1		
215	19-32837	Inspection/Maintenance of LP Boiler Feed Water Pump	19-P-5002A	DKN-800	1		
216	19-32838	Inspection/Maintenance of LP Boiler Feed Water Pump	19-P-5002B	DKN-1900	1		
217	19-32839	Inspection/Maintenance of Condensate Pump	19-P-5003A	DKN-1900	1		
218	19-32840	Removal of Scaffolding from SRU-II	Approx 1000 sq.ft.	DKN-700	1000 sq feet		
219	19-32841	Installation of Insulation at SRU-II	Approx 5000 sq.ft.	DKN-700	5000 sq feet		

Fabrication Activities						
220	19-33112	Fabrication jobs related to NDT repairs against preliminary reports of SGS.		DKN-Plant	300 dia inch	
221	19-33113	Fabrication/Replacement of Rich Amine Line (Existing line CS 10" Sch-STD to be replaced with SS 10" Sch-STD, Approx length: 120 metre) Approx Dia Inch: 350 (Dwg# PP/DKN/ISO/285/286)	40-DA-401	DKN-400	350 dia inch	
222	19-33114	Fabrication of 04 Sulphur Seals for Old SRU (Material SS 12" Sch-40, Approx length: 40 metre) Approx Dia Inch:180 (Dwg# PP/DKN/M/508)		DKN-700	180 dia inch	
223	19-33115	Fabrication job for replacement of Acid gas flare tip	902-FA-05	DKN-910	40 dia inch	
224	19-33116	Fabrication job for replacement of Hydro carbon flare tip	902-FA-04	DKN-910	80 dia inch	
225	19-33119	Fabrication/Replacement of pilot/Ignition lines of Acid Gas Flare Stack (1" Sch-40, 1-1/2" Sch-40, Approx length 50 metre) Approx Dia Inch: 40	902-FA-05	DKN-910	40 dia inch	
226	19-33120	Fabrication/Replacement of pilot/Ignition lines of Hydrocarbon Flare Stack(1" Sch-40, 1-1/2" Sch-40, Appox length 80 metre) Approx Dia Inch: 50	902-FA-04	DKN-910	50 dia inch	
227	19-33121	Fabrication/Replacement of fuel gas lines of NGL Stock Tanks (3" Sch-40, Approx length: 40 metre) Approx Dia Inch: 50	100-FA-01,02,03	DKN-100	50 dia inch	
228	19-33122	Fabrication/Installation of Hot reactor bypass line from Reactor to TTO at new SRU (10" Sch-80, Approx length: 30 metre), Approx Dia Inch: 70 (Dwg# PP/DKN/ISO/517)	19-R-1901	DKN-1900	70 dia inch	
229	19-33123	Fabrication/Installation of EA-402(A) Vapor side isolation valves (12" Class 150), Approx Dia Inch: 24	40-EA-402A	DKN-400	24 dia inch	
230	19-33124	Fabrication/Installation of EA-402(B) Vapor side isolation valves (12" Class 150), Approx Dia Inch:24	40-EA-402B	DKN-400	24 dia inch	
231	19-33125	Fabrication/Replacement of lean Amine Line from outlet of EA-401 to inlet of GA-403 (10" Sch-STD, Approx length: 80 metre), Approx Dia Inch: 160 (Dwg# PP/DKN/ISO/588)	40-EA-401	DKN-400	160 dia inch	
232	19-33127	Fabrication of Sulfur Run down lines(Material SS, Jacketed Line		DKN-1900	40 dia inch	

		3" Sch 80/2" Sch-80, 02 Nos, Approx length: 20 metre), Approx Dia Inch: 40					
233	19-33128	Fabrication/Provision of Isolation valves at Inlet/Outlets lines of EA-403 (10" Class 900), Approx Dia Inch: 40	40-EA-403	DKN-400	40 dia inch		
234	19-33131	Replacement of all inlet/outlet lines and jewellery of FA-201	FA-201	DKN-200	80 dia inch		
235	19-33132	Platforms at Charcoal filter skid	FD-402-A	DKN-400	20 dia inch		
236	19-33133	Platform at Reco refrigeration package	PA-501	DKN-500	20 dia inch		
237	19-33134	Platform at FA-202 for valves operation	FA-202	DKN-200	20 dia inch		
238	19-33135	Replacement of MP/HP drain line (2" sch 80)		DKN-110	40 dia inch		
239	19-33136	Modification of Bypass Line 806-HC-001-2"-A2 (Dwg# PP-DKN-ISO-641)		DKN-600	55 dia inch		
240	19-33137	Modification of Bypass Line 806-HC-001-2"-A2 (Dwg#PP-DKN-ISO-642)		DKN-600	55 dia inch		
241	19-33138	Tie in existing cooling water return line 4" to LP Flare Header (Dwg# PP-DKN-ISO-646)			150 dia inch		
242	19-33139	Treated gas from EA-202 to HP Flare Header (Dwg#PP-DKN-ISO-647)		DKN-200	85 dia inch		
243	19-33140	Lean Amine Bypass Line to GA 403 A/B (Dwg# PP-DKN-ISO-648)		DKN-400	250 dia inch		
244	19-33141	Existing Line 100-V-21018 to Existing Line HP Flare Header (Dwg# PP-DKN-ISO-649)		DKN-100	170 dia inch		
245	19-33142	Install PSV at line No. 100-HC-201-1"-A2 to 902-BD-206-2"-A3 (Dwg# PP-DKN-ISO-650)		DKN-100	50 dia inch		
246	19-33143	Pressure Vaccum Safety Valve at 830-FB-01 (Dwg# PP-DKN-ISO-651)		DKN-800	40 dia inch		
247	19-33144	Nitrogen Purging Line to 830-FB-01 (Dwg# PP-DKN-ISO-652)		DKN-800	140 dia inch		
248	19-33145	Bypass Line 6" on Sale Gas Line 500-TG-006-6"-D1, (Dwg# PP-DKN-ISO-653)		DKN-500	100 dia inch		
249	19-33146	Installation of 911-PSV-11 (911-FA-01)	911-FA-01	DKN-900	140 dia inch		
250	19-33147	Installation of 911-PSV-12 (911-FA-02)	911-FA-02	DKN-900	140 dia inch		
251	19-33148	Installation of 911-PSV-13 (911-FA-03)	911-FA-03	DKN-900	140 dia inch		
252	19-33149	Installation of 911-PSV-14 (911-FA-04)	911-FA-04	DKN-900	140 dia inch		
253	19-	Installation of water sprinkling	910-FB-01	DKN-	200 dia		

	33150	system and foaming system on Tank 1		910	inch		
254	19-33151	Installation of water sprinkling system and foaming system on Tank 2	910-FB-02	DKN-910	200 dia inch		
255	19-33152	Installation of water sprinkling system and foaming system on Tank 3	910-FB-03	DKN-910	200 dia inch		
256	19-33153	Installation of water sprinkling system and foaming system on Tank 5	910-FB-05	DKN-910	200 dia inch		
257	19-33154	Fabrication of header for water sprinkling and foaming system	910-FB-1-5	DKN-910	150 dia inch		
258	19-33155	Welding of end plates at auxiliary boiler	PA-704	DKN-800	40 dia inch		
259	19-33156	Fire hydrant at slug catcher		DKN-100	80 dia inch		
260	19-33932	Provide new raw water line near soghri line heater		DKN-800	30 dia inch		
261	19-33157	Relocation of lines at API pit		DKN-800	20 dia inch		
262	19-37648	Fabrication of flanges to install level transmitter (100-LT-01)	100-FA-01	DKN-100	8 dia inch		
263	19-37649	Fabrication of flanges to install level transmitter (100-LT-02)	100-FA-01	DKN-100	8 dia inch		
264	19-37650	Fabrication of flanges to install level transmitter (100-LT-03)	100-FA-02	DKN-100	8 dia inch		
265	19-37651	Fabrication of flanges to install level transmitter (100-LT-04)	100-FA-02	DKN-100	8 dia inch		
266	19-37652	Fabrication of flanges to install level transmitter (100-LT-05)	100-FA-03	DKN-100	8 dia inch		
267	19-37653	Fabrication of flanges to install level transmitter (100-LT-06)	100-FA-03	DKN-100	8 dia inch		
268	19-37654	Fabrication of flanges to install level transmitter (100-LT-07)	100-FA-04	DKN-100	8 dia inch		
269	19-37655	Fabrication of flanges to install level transmitter (100-LT-08)	100-FA-06	DKN-100	8 dia inch		
270	19-37656	Fabrication of flanges to install level transmitter (100-LT-09)	100-FA-06	DKN-100	8 dia inch		
271	19-37657	Fabrication of flanges to install level transmitter (100-LT-15)	100-FB-01	DKN-100	8 dia inch		
272	19-37658	Fabrication of flanges to install level transmitter (100-LT-16)	100-FB-02	DKN-100	8 dia inch		
273	19-37659	Fabrication of flanges to install level transmitter (100-LT-17)	100-FB-03	DKN-100	8 dia inch		
274	19-37660	Fabrication of flanges to install level transmitter (20-LT-01)	FA-201	DKN-200	8 dia inch		
275	19-37661	Fabrication of flanges to install level transmitter (20-LT-04)	FA-202`	DKN-200	8 dia inch		
276	19-37662	Fabrication of flanges to install level transmitter (20-LT-04)	FA-202`	DKN-200	8 dia inch		
277	19-37663	Fabrication of flanges to install level transmitter (20-LT-05)	FA-202`	DKN-200	8 dia inch		
278	19-37664	Fabrication of flanges to install level transmitter (20-LT-06)	DA-202	DKN-200	8 dia inch		
279	19-37665	Fabrication of flanges to install level transmitter (30-LT-01)	FA-301	DKN-300	8 dia inch		

280	19-37666	Fabrication of flanges to install level transmitter (60-LT-2000A)	DA-2000	DKN-600	8 dia inch		
281	19-37667	Fabrication of flanges to install level transmitter (60-LT-2000B)	DA-2000	DKN-600	8 dia inch		
282	19-37668	Fabrication of flanges to install level transmitter (910-LT-01)	910-FB-01	DKN-910	8 dia inch		
283	19-37669	Fabrication of flanges to install level transmitter (910-LT-02)	910-FB-02	DKN-910	8 dia inch		
284	19-37670	Fabrication of flanges to install level transmitter (910-LT-03)	910-FB-03	DKN-910	8 dia inch		
285	19-37671	Fabrication of flanges to install level transmitter (910-LT-04)	910-FB-04	DKN-910	8 dia inch		
286	19-37766	Fabrication of flanges to install level transmitter (910-LT-05)	910-FB-05	DKN-910	8 dia inch		
287	19-37767	Fabrication of flanges to install level transmitter (830-LT-02)	830-FA-02	DKN-800	8 dia inch		
288	19-37768	Fabrication of flanges to install temperature transmitter (830-TT-05)	830-FA-02	DKN-800	8 dia inch		
289	19-37769	Fabrication of flanges to install temperature transmitter (TT-05)		DKN-700	8 dia inch		
290	19-37770	Fabrication of flanges to install temperature transmitter (TT-7-2)		DKN-700	8 dia inch		
291	19-37771	Fabrication of flanges to install temperature transmitter (TT-7-11)		DKN-700	8 dia inch		
292	19-37772	Fabrication of flanges to install temperature transmitter (TT-7-17)		DKN-700	8 dia inch		
293	19-37773	Fabrication job at hot oil area to install pressure transmitter (830-PT-07)		DKN-800	8 dia inch		
294	19-37774	Fabrication job at hot oil area to install pressure transmitter (PIC-51)		DKN-700	8 dia inch		
295	19-37775	Fabrication job at separator area to install pressure transmitter (100-PT-06)		DKN-100	8 dia inch		
296	19-37776	Fabrication jobs at LPG storage area to install pressure transmitter Tag No. 911-PT-01		DKN-911	8 dia inch		
297	19-37777	Fabrication jobs at LPG storage area to install pressure transmitter Tag No. 911-PT-02		DKN-911	8 dia inch		
298	19-37778	Fabrication jobs at LPG storage area to install pressure transmitter Tag No. 911-PT-03		DKN-911	8 dia inch		
299	19-37779	Fabrication jobs at LPG storage area to install pressure transmitter Tag No. 911-PT-04		DKN-911	8 dia inch		
300	19-37780	Fabrication jobs at old SRU to install flow transmitter Tag No. FT-01		DKN-700	8 dia inch		
301	19-37781	Fabrication jobs at DPR area to install flow transmitter Tag No. 50-FT-15		DKN-500	8 dia inch		
302	19-37782	Fabrication jobs at NGL storage area to install flow transmitter Tag No. 910-FT-01		DKN-910	12 dia inch		

303	19-37783	Fabrication of flanges to install flow element tag no. 50-FE-15 at DPR area		DKN-500	20 dia inch		
304	19-37784	Fabrication of flanges and cutting jobs to install 100-ESDV-02 at separator area		DKN-100	8 dia inch		
305	19-37785	Fabrication of flanges and cutting jobs to install 806-LCV-02 at utilities area		DKN-800	8 dia inch		
306	19-37786	Fabrication of flanges and cutting jobs to install 806-LCV-01 at utilities area		DKN-800	8 dia inch		
307	19-37787	Fabrication of flanges and cutting jobs to install level transmitter Tag No. 911-LT-02	911-FA-02	DKN-911	30 dia inch		
Water Supply Network (Water Supply section)							
308	19-33158	Complete Cleaning/Repair of Water Tank Reservior-A at River Indus		DKN-1100	1		
309	19-33159	Complete Cleaning/Repair of Water Tank Reservior-B at River Indus		DKN-1100	1		
310	19-33160	Complete Cleaning/Repair of Water Tank-A at Dakhni Plant		DKN-1150	1		
311	19-33161	Complete Cleaning/Repair of Water Tank-B at Dakhni Plant		DKN-1150	1		
312	19-33162	General Cleaning of Caterpillar Engine	1100-CE-01	DKN-1100	1		
313	19-33163	General Cleaning of Caterpillar Engine	1100-CE-02	DKN-1100	1		
314	19-33164	General Cleaning of Perkins Engine	1100-PE-01	DKN-1100	1		
315	19-33165	General Cleaning of Perkins Engine	1100-PE-02	DKN-1100	1		
Generator Activities (Transport section)							
316	19-33166	General Cleaning of Emergency Generator-CAT 137 KVA	800-GN-05	DKN-800	1		
317	19-33167	General Cleaning of Emergency Generator-Cummins 307 KVA	800-GN-03	DKN-800	1		
318	19-33168	General Cleaning of Emergency Generator-Cummins 307 KVA	800-GN-02	DKN-800	1		
Refractory/Painting Activities (Civil section)							
319	19-33087	Refractory Repair of Turbines WHRU		DKN-PLANT	1		
320	19-33088	ATA-Refractory Repair of Furnace, Incinerator, Reclaimer	E-1901	DKN-1900	1		
321	19-33089	Painting of Piping and Equipments at Separator Area	Approx 10000 sq.ft.	DKN-100	10000 sq feet		
322	19-33090	Painting of Piping and Equipments at Amine/Glycol/Hot oil Areas	Approx 10000 sq.ft.	DKN-200	10000 sq feet		
323	19-33091	Painting of Piping and Equipments at NGL/LPG/DPR Areas	Approx 15000 sq.ft.	DKN-600	15000 sq feet		
324	19-33092	Painting of Piping and Equipments at SRU-II	Approx 20000 sq.ft.	DKN-700	20000 sq feet		
Process section							

325	19-33086	Complete Cleaning of Cooling towers (06 Nos Cooling Towers)	801-CT-01A-F	DKN-800	6		
326	19-33095	Complete Cleaning of Closed Drains & Drain Trenches of Separator Area		DKN-100	1		
327	19-33096	Complete Cleaning of Closed Drains & Drain Trenches of SRU-II		DKN-1900	1		
328	19-33097	Complete Cleaning of Closed Drains & Drain Trenches of Old SRU		DKN-700	1		
329	19-33098	Complete Cleaning of Closed Drains & Drain Trenches of LPG Storage Area		DKN-911	1		
330	19-33099	Complete Cleaning of Closed Drains & Drain Trenches of NGL Storage Area		DKN-910	1		
331	19-33100	Complete Cleaning of Closed Drains & Drain Trenches of NGL Area		DKN-600	1		
332	19-33101	Complete Cleaning of Closed drains & drain trenches of glycol regeneration area.		DKN-300	1		
333	19-33102	Complete Cleaning of Closed drains & drain trenches of utilities area.		DKN-800	1		
334	19-33103	Complete Cleaning of Closed Drains & Drain Trenches of Amine Regeneration Area		DKN-400	1		
335	19-33104	Complete Cleaning of Closed Drains & Drain Trenches of Gas Absorption Area		DKN-200	1		
336	19-33106	Complete Cleaning of Neutralization pit.			1		
337	19-33107	Sludge removal from API pit & its disposal	830-FA-03	DKN-912	1		
338	19-33108	Sludge removal from Effluent pit & its disposal	830-FA-03	DKN-800	1		
Electrical section							
339	19-32163	General Maintenance of Low Voltage (LV) Bus Tie Duct (Bus Bars)	BUSBAR	DKN-850	2		
340	19-32164	General Maintenance of Medium Voltage (MV) Bus Tie Duct (Bus Bars)	BUSBAR	DKN-850	1		
341	19-32165	General Maintenance of Battery Charger and Battery Bank of RGT-A (Battery Replacement with old 48 No Batteries).	BATTERY CHARGER	DKN-850	1 set		
342	19-32166	Maintenance Of "Cooling Tower Fan Motor -A" Module	MODULE	DKN-850	1		
343	19-32167	Maintenance Of "Cooling Tower Fan Motor -B" Module	MODULE	DKN-850	1		
344	19-32168	Maintenance Of "Cooling Tower Fan Motor -C" Module	MODULE	DKN-850	1		
345	19-32169	Maintenance Of "Cooling Water Circulation Pump Motor-A" Module	MODULE	DKN-850	1		

346	19-32170	Maintenance Of "Cooling Water Circulation Pump Motor- B " Module	MODULE	DKN-850	1		
347	19-32171	Maintenance Of "Raw Water Pump Motor -A" Module	MODULE	DKN-850	1		
348	19-32172	Maintenance Of "Raw Water Pump Motor -B" Module	MODULE	DKN-850	1		
349	19-32173	Maintenance Of "Effluent Water Pump Motor Module	MODULE	DKN-850	1		
350	19-32174	Maintenance Of "Inst. Air Compressor Motor A" Module	MODULE	DKN-850	1		
351	19-32175	Maintenance Of "Inst. Air Compressor Motor B" Module	MODULE	DKN-850	1		
352	19-32176	Maintenance Of "Hot Oil Pump Motor A" Module	MODULE	DKN-850	1		
353	19-32177	Maintenance Of "Hot Oil Pump Motor B" Module	MODULE	DKN-850	1		
354	19-32178	Maintenance Of "HP Steam Condenser Motor A" Module	MODULE	DKN-850	1		
355	19-32179	Maintenance Of "HP Steam Condenser Motor B" Module	MODULE	DKN-850	1		
356	19-32180	Maintenance Of "LP Steam Condenser Motor A" Module	MODULE	DKN-850	1		
357	19-32181	Maintenance Of "LP Steam Condenser Motor B" Module	MODULE	DKN-850	1		
358	19-32182	Maintenance Of "Amine Cooler Fan Motor A" Module	MODULE	DKN-850	1		
359	19-32183	Maintenance Of "Amine Cooler Fan Motor B" Module	MODULE	DKN-850	1		
360	19-32184	Maintenance Of "Amine Cooler Fan Motor C" Module	MODULE	DKN-850	1		
361	19-32185	Maintenance Of "Amine Cooler Fan Motor D" Module	MODULE	DKN-850	1		
362	19-32347	Servicing / Bearing replacement of acid gas scrubber pump motors (P-1901 A & B) 4KW, 380V	MOTOR	DKN-1900	2		
363	19-32348	Servicing / Bearing replacement of sulfur loading pump motors (P-1902 A & B) 14.92KW, 380V	MOTOR	DKN-1900	2		
364	19-32349	Servicing / Bearing replacement of sulfur feed pump motors (P-1903 A & B) 5.6KW, 380V	MOTOR	DKN-1900	2		
365	19-32350	Servicing / Bearing replacement of vertical sulfur pump motors (P-1904 A & B) 5.5KW, 380V	MOTOR	DKN-1900	2		
366	19-32355	Servicing / Bearing replacement of acid gas scrubber pump motors (C-1904 A & B) 4KW, 380V	MOTOR	DKN-1900	2		
367	19-32358	Servicing / Bearing replacement of HP feed water pump motors (P-5001 A & B) 37KW, 380V	MOTOR	DKN-1900	2		

368	19-33110	Servicing / Cleaning Of "New Rp Condenser Fan Motor A" 22Kw 380V	MOTOR	DKN-500	1		
369	19-33118	Servicing / Cleaning Of "New Rp Condenser Fan Motor B" 22Kw 380V	MOTOR	DKN-500	1		
370	19-33126	Servicing / Cleaning Of "New Rp Condenser Fan Motor C" 22Kw 380V	MOTOR	DKN-500	1		
371	19-33130	Servicing / Cleaning Of "New Rp Condenser Fan Motor D" 22Kw 380V	MOTOR	DKN-500	1		
372	19-32343	Servicing/ Bearing replacement of EC-1901A&B HP STEAM CONDENSER MOTOR 12KW, 380V	MOTOR	DKN-1900	2		
373	19-32359	Servicing/ Bearing replacement of EC-1902A&B LP STEAM CONDENSER MOTOR 12KW, 380V	MOTOR	DKN-1900	2		
374	19-32186	Servicing/ Bearing replacement of crude transfer pump motor (100-GA-01A&B), 7.5KW, 380V	MOTOR	DKN-100	2		
375	19-32187	Servicing/ Bearing replacement of Cooling tower fan motor (801-CT-01 A/B/C/D/E), 9.5KW, 380V	MOTOR	DKN-800	5		
376	19-32188	Servicing/ Bearing replacement of Cooling water pump motor (801-GA-01 A/B), 112KW, 380V	MOTOR	DKN-800	2		
377	19-32189	Servicing/ Bearing replacement of Raw water pump motor (802-GA-01 A/B), 19KW, 380V	MOTOR	DKN-800	2		
378	19-32190	Servicing/ Bearing replacement of Potable water pump motor (803-GA-01 A/B), 3KW, 380V	MOTOR	DKN-800	2		
379	19-32346	Servicing/ Bearing replacement of Effluent pump motor-A, 37KW, 380V	MOTOR	DKN-800	1		
380	19-32191	Servicing/ Bearing replacement of LPG loading pump motor (911-GA-01 A/B), 11.9KW, 380V	MOTOR	DKN-900	2		
381	19-32192	Servicing/ Bearing replacement of Demin water pump motor (912-GA-01 A&B)	MOTOR	DKN-900	2		
382	19-32193	Servicing/ Bearing replacement of Amine cooler fan motor (EC-401 A/B/C/D), 28KW, 380V	MOTOR	DKN-400	4		
383	19-32330	Servicing/ Bearing replacement of Amine regen. condenser Fan motor (EC-402 A/B), 28KW, 380V	MOTOR	DKN-400	2		
384	19-32331	Servicing/ Bearing replacement of Debutanizer Condenser fan motor (EC-602), 11KW, 380V	MOTOR	DKN-600	1		
385	19-32369	Servicing/ Bearing replacement of RGT (A&B)Generator Cooling Fan Motors (A&B), 2.2KW, 380V	MOTOR	DKN-800	2		

386	19-32377	Servicing/ Bearing replacement of RGT (A&B) Lube Oil Cooler Fan Motors, 18.5KW, 380V	MOTOR	DKN-800	2		
387	19-32332	SERVICING / BEARING REPLACEMENT OF "INSTRUMENT AIR COMPRESSOR MAIN MOTORS" A&B.132kW 380V	MOTOR	DKN-800	2		
388	19-32333	SERVICING / BEARING REPLACEMENT OF "INSTRUMENT AIR COMPRESSOR FAN MOTORS" A&B. 5.5kW, 380V	MOTOR	DKN-800	2		
389	19-32334	Servicing/ Cleaning of Lean Amine feed pump motor (GA-403 A&B), 755KW, 6KV	MOTOR	DKN-400	2		
390	19-32337	Cleaning/ Servicing of Hot oil circ. pump motor (830-GA-01 A,B&C), 187KW, 6KV	MOTOR	DKN-800	3		
391	19-32338	SERVICING / CLEANING OF "NEW RP MAIN MOTOR" 975KW MOTOR, 6kV	MOTOR	DKN-500	1		
392	19-32199	SERVICING / CLEANING OF "FIRE WATER PUMP MOTOR" 220KW MOTOR, 6kV	MOTOR	DKN-900	1		
393	19-32339	SERVICING / CLEANING OF "AIR BLOWER C-1901-A MOTOR" 250 kW MOTOR, 6kV	MOTOR	DKN-1900	1		
394	19-32340	SERVICING / CLEANING OF "AIR BLOWER C-1901-B MOTOR" 250 kW MOTOR, 6kV	MOTOR	DKN-1900	1		
395	19-32341	Plant flood /Skid/Street lights cleaning, servicing and repair	SERVICES	DKN-PLANT	150 Nos		
396	19-32342	Removal/Re-installation of heat tracing cables from different areas of all plants	SERVICES	DKN-PLANT	300 Mtr		
397	19-32200	Dressing/Cable gland removal/reinstallation of 50 Nos. power/control cable under LV/MV room	SERVICES	DKN-850	50 Nos		
398	19-32364	Cleaning and testing of Earth Pits on Plant	SERVICES	DKN-PLANT	40 Nos		
399	19-32202	Opening/cleaning/tightning of earthing connection of skid and equipment for complete plant.	SERVICES	DKN-PLANT	400 Nos		
400	19-32203	CLEANING OF RGT-A&B GENERATOR'S & COOLERS /DUCTS	SERVICES	DKN-800	2		
401	19-32204	CLEANING OF SGT-100 SIEMENS GAS TURBINE GENERATOR & COOLER / DUCTS	SERVICES	DKN-800	1		
402	19-32205	10kVA UPS complete system cleaning, battery bank inspection, terminal tightening and battery load test installed with SRU-II and RP system.	SERVICES	DKN-PLANT	1		

403	19-32206	GENERAL MAINTENANCE OF 2000kVA TRANSFORMERS T1	SERVICES	DKN-850	1		
404	19-32207	GENERAL MAINTENANCE OF 2000kVA TRANSFORMERS T2	SERVICES	DKN-850	1		
405	19-32208	GENERAL MAINTENANCE OF 630kVA TRANSFORMERS T3	SERVICES	DKN-CAMP	1		
406	19-32363	Installation of CTs with T1, T2 & Bus coupler	SERVICES		9		
407	19-32360	2.5mm x 7c Cable laying of approximately 4000m in cable trays/trenches	SERVICES	DKN-PLANT	1		
408	19-32361	HAZOP main panel installation and cable terminations	SERVICES	DKN-PLANT	1		
409	19-32362	Installation of 26 Nos LCS all different Plant	SERVICES	DKN-PLANT	1		
Instrument section							
Dismantling (including debolting), shifting to workshop, refurbishment, inspection, lapping, calibration, pressure testing, parts replacement, re-tubing, shifting to plant area from workshop, re-installation & box up (including tightening) and commissioning of Control Valves and PSVs at Dakhni Plant							
411	19-32365	Level Control Valve , Size 1"	20-LCV-01	DKN-200	1		
412	19-32368	Level Control Valve, Size 1"	20-LCV-02	DKN-200	1		
413	19-32374	Level Control Valve, Size 1"	20-LCV-06	DKN-200	1		
414	19-32375	Level Control Valve, Size 4"	20-LCV-03A	DKN-200	1		
415	19-32376	Level Control Valve, Size 4"	20-LCV-03B	DKN-200	1		
416	19-32382	Pressure Control Valve, Size 3"	20-HCV-01	DKN-200	1		
417	19-32383	Pressure safety valve, Size 2" H 3"	20-PSV-01	DKN-200	1		
418	19-32384	Pressure safety valve, Size 2" H 3"	20-PSV-02	DKN-200	1		
419	19-32385	Pressure safety valve, Size 1" D 2"	20-PSV-03	DKN-200	1		
420	19-32386	Pressure safety valve, Size 1" D 2"	20-PSV-04	DKN-200	1		
421	19-32387	Pressure safety valve, Size 1-1/2" D 2"	20-PSV-05	DKN-200	1		
422	19-32388	Pressure safety valve, Size 1-1/2" D 2"	20-PSV-06	DKN-200	1		
423	19-32389	Pressure safety valve, Size 6" R 8"	20-PSV-07	DKN-200	1		
424	19-32390	Pressure safety valve, Size 6" R 8"	20-PSV-08	DKN-200	1		
425	19-32391	Level Control Valve, Size 1"	30-LCV-01	DKN-300	1		
426	19-32392	Level Control Valve, Size 1"	30-LCV-02	DKN-300	1		
427	19-32393	Pressure Control Valve, Size 1"	30-PCV-01	DKN-300	1		
428	19-32394	Pressure Control Valve, Size 1"	30-PCV-03	DKN-300	1		
429	19-32395	Pressure Control Valve, Size 2"	30-PCV-04	DKN-300	1		

430	19-32396	Pressure Control Valve, Size 1"	30-FCV-01	DKN-300	1		
431	19-32397	Shut Down Valve, Size 1"	30-XV-01	DKN-300	1		
432	19-32398	Pressure safety valve, Size 1-1/2" F 2"	30-PSV-01	DKN-300	1		
433	19-32399	Pressure safety valve, Size 1-1/2" F 2"	30-PSV-02	DKN-300	1		
434	19-32400	Pressure safety valve, Size N/A	30-PSV-03	DKN-300	1		
435	19-32401	Pressure safety valve, Size N/A	30-PSV-04	DKN-300	1		
436	19-32402	Pressure safety valve, Size 1-1/2" F 2"	30-PSV-05	DKN-300	1		
437	19-32403	Pressure safety valve, Size 1-1/2" F 2"	30-PSV-06	DKN-300	1		
438	19-32404	Pressure safety valve, Size 1/2"X2-7/16"	30-PSV-07	DKN-300	1		
439	19-32405	Pressure safety valve, Size 1/2"X2-7/16"	30-PSV-08	DKN-300	1		
440	19-32406	Pressure safety valve, Size N/A	30-PSV-09	DKN-300	1		
441	19-32407	Pressure Control Valve, Size 1-1/2"	40-PCV-01	DKN-400	1		
442	19-32408	Pressure Control Valve, Size 6"	40-PCV-02A	DKN-400	1		
443	19-32409	Pressure Control Valve, Size 6"	40-PCV-02B	DKN-400	1		
444	19-32410	Pressure Control Valve, Size 1"	40-PCV-04	DKN-400	1		
445	19-32411	Pressure Control Valve, Size 1"	40-PCV-05	DKN-400	1		
446	19-32412	Shut down Valve, Size 8"	40-SDV-01	DKN-400	1		
447	19-32413	Flow Control Valve, Size 4"	40-FCV-01	DKN-400	1		
448	19-32414	Flow Control Valve, Size 1.5"	40-FCV-02	DKN-400	1		
449	19-32415	Flow Control Valve, Size 10"	40-FCV-03	DKN-400	1		
450	19-32416	Flow Control Valve, Size 1"	40-FCV-04	DKN-400	1		
451	19-32417	Flow Control Valve, Size 1"	40-FCV-05	DKN-400	1		
452	19-32418	Flow Control Valve, Size 6"	40-FCV-10	DKN-400	1		
453	19-32419	Level Control Valve, Size 4"	40-LCV-01	DKN-400	1		
454	19-32420	Pressure safety valve, Size 1-1/2" H 3"	40-PSV-08	DKN-400	1		
455	19-32421	Pressure safety valve, Size 1-1/2" H 3"	40-PSV-09	DKN-400	1		
456	19-32422	Pressure safety valve, Size 1-1/2" D 2"	40-PSV-11	DKN-400	1		
457	19-32423	Pressure safety valve, Size 1-1/2" D 2"	40-PSV-12	DKN-400	1		
458	19-	Pressure safety valve, Size 4" M	40-PSV-13	DKN-	1		

	32424	6"		400			
459	19-32425	Level Control Valve, Size 1"	50-LCV-01	DKN-500	1		
460	19-32426	Level Control Valve, Size 1"	50-LCV-02	DKN-500	1		
461	19-32427	Level Control Valve, Size 1"	50-LCV-03	DKN-500	1		
462	19-32428	Level Control Valve, Size N/A	50-LCV-04	DKN-500	1		
463	19-32429	Level Control Valve, Size N/A	50-LCV-05	DKN-500	1		
464	19-32430	Level Control Valve, Size N/A	50-LCV-06	DKN-500	1		
465	19-32431	Level Control Valve, Size N/A	50-LCV-07	DKN-500	1		
466	19-32432	Level Control Valve, Size N/A	50-LCV-08	DKN-500	1		
467	19-32434	Pressure Control Valve, Size 3"	50-PCV-01	DKN-500	1		
468	19-32435	Pressure Control Valve, Size 1"	50-PCV-02	DKN-500	1		
469	19-32436	Pressure Control Valve, Size 3"	50-PCV-03	DKN-500	1		
470	19-32437	Pressure Control Valve, Size N/A	50-PCV-04	DKN-500	1		
471	19-32438	Pressure Control Valve, Size N/A	50-PCV-05	DKN-500	1		
472	19-32433	Pressure Control Valve, Size N/A	50-PCV-06	DKN-500	1		
473	19-32439	Pressure Control Valve, Size 3"	50-PCV-01B	DKN-500	1		
474	19-32440	Flow Control Valve, Size 2"	50-FCV-01A	DKN-500	1		
475	19-32441	Flow Control Valve, Size 1"	50-FCV-01B	DKN-500	1		
476	19-32442	Shut Down valve, Size 6"	50-SDV-01	DKN-500	2		
477	19-32443	Temperature. Control Valve, Size 4 3/8"	50-TCV-01	DKN-500	1		
478	19-32444	Pressure safety valve, Size 1" D 2"	50-PSV-01	DKN-500	1		
479	19-32445	Pressure safety valve, Size 1" D 2"	50-PSV-02	DKN-500	1		
480	19-32446	Pressure safety valve, Size 1" D 2"	50-PSV-03	DKN-500	1		
481	19-32447	Pressure safety valve, Size 1" D 2"	50-PSV-04	DKN-500	1		
482	19-32448	Pressure safety valve, Size 1" D 2"	50-PSV-05	DKN-500	1		
483	19-32449	Pressure safety valve, Size 1" D 2"	50-PSV-06	DKN-500	1		
484	19-32450	Pressure safety valve, Size N/A	50-PSV-07	DKN-500	1		
485	19-32451	Pressure safety valve, Size N/A	50-PSV-08	DKN-500	1		
486	19-32452	Pressure safety valve, Size N/A	50-PSV-09	DKN-500	1		

487	19-32453	Pressure safety valve, Size N/A	50-PSV-10	DKN-500	1		
488	19-32454	Pressure safety valve, Size N/A	50-PSV-11	DKN-500	1		
489	19-32455	Pressure safety valve, Size 3" K 4"	50-PSV-21	DKN-500	1		
490	19-32456	Pressure safety valve, Size 3" K 4"	50-PSV-22	DKN-500	1		
491	19-32457	Pressure safety valve, Size 1"x1-11"/2	50-PSV-23	DKN-500	1		
492	19-32458	Pressure safety valve, Size 1"x1-11"/4	50-PSV-24	DKN-500	1		
493	19-32459	Pressure safety valve, Size 1" X 1/2"	50-PSV-25	DKN-500	1		
494	19-32460	Pressure safety valve, Size 1" X 1/2"	50-PSV-26	DKN-500	1		
495	19-32461	Level Control Valve, Size 1"	60-LCV-01	DKN-600	1		
496	19-32462	Level Control Valve, Size 1"	60-LCV-02	DKN-600	1		
497	19-32463	Level Control Valve, Size 1"	60-LCV-03	DKN-600	1		
498	19-32464	Level Control Valve, Size 1"	60-LCV-04	DKN-600	1		
499	19-32465	Level Control Valve, Size 1"	60-LCV-05	DKN-600	1		
500	19-32466	Level Control Valve, Size 1"	60-LCV-06	DKN-600	1		
501	19-32467	Level Control Valve, Size 1"	60-LCV-07	DKN-600	1		
502	19-32468	Level Control Valve, Size 1"	60-LCV-08	DKN-600	1		
503	19-32469	Level Control Valve, Size 1"	60-LCV-09	DKN-600	1		
504	19-32470	Level Control Valve, Size 1"	60-LCV-10	DKN-600	1		
505	19-32471	Level Control Valve, Size 1"	60-LCV-11	DKN-600	1		
506	19-32472	Pressure Control Valve, Size 1"	60-PCV-01	DKN-603	1		
507	19-32473	Pressure Control Valve, Size 1-1/2"	60-PCV-02	DKN-600	1		
508	19-32474	Pressure Control Valve, Size 1-1/2"	60-PCV-03	DKN-603	1		
509	19-32475	Pressure Control Valve, Size 1-1/2"	60-PCV-04	DKN-604	1		
510	19-32476	Pressure Control Valve, Size 1"	60-PCV-05	DKN-605	1		
511	19-32481	Pressure Control Valve, Size 1"	60-PCV-06B	DKN-600	1		
512	19-32482	Pressure Control Valve, Size 1"	60-PCV-08	DKN-600	1		
513	19-32483	Flow Control Valve, Size 2"	60-FCV-01	DKN-600	1		
514	19-32484	Flow Control Valve, Size 1"	60-FCV-02	DKN-600	1		
515	19-	Flow Control Valve, Size 1"	60-FCV-03	DKN-	1		

	32485			600			
516	19-32486	Flow Control Valve, Size 3"	60-FCV-04	DKN-600	1		
517	19-32487	Flow Control Valve, Size 1"	60-FCV-05	DKN-600	1		
518	19-32488	Flow Control Valve, Size 1-1/2"	60-FCV-06	DKN-600	1		
519	19-32490	Flow Control Valve, Size 1"	60-FCV-07	DKN-600	1		
520	19-32496	Temperature. Control Valve, Size 1	60-TCV-01	DKN-600	1		
521	19-32499	Shut down valve, Size 2"	60-XV-01	DKN-600	1		
522	19-32500	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-01	DKN-600	1		
523	19-32502	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-02	DKN-600	1		
524	19-32505	Pressure safety valve, Size 3" K 4"	60-PSV-03	DKN-600	1		
525	19-32507	Pressure safety valve, Size 3" K 4"	60-PSV-04	DKN-600	1		
526	19-32508	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-05	DKN-600	1		
527	19-32509	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-06	DKN-600	1		
528	19-32511	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-07	DKN-600	1		
529	19-32513	Pressure safety valve, Size 1-1/2" F 2"	60-PSV-08	DKN-600	1		
530	19-32514	Pressure safety valve, Size 2" H 3"	60-PSV-09	DKN-600	1		
531	19-32515	Pressure safety valve, Size 2" H 3"	60-PSV-10	DKN-600	1		
532	19-32517	Level Control Valve, Size 1"	100-LCV-01	DKN-100	1		
533	19-32519	Level Control Valve, Size 1"	100-LCV-02	DKN-100	1		
534	19-32520	Level Control Valve, Size 1"	100-LCV-03	DKN-100	1		
535	19-32522	Level Control Valve, Size 1"	100-LCV-04	DKN-100	1		
536	19-32524	Level Control Valve, Size 1"	100-LCV-05	DKN-100	1		
537	19-32525	Level Control Valve, Size 1"	100-LCV-06	DKN-100	1		
538	19-32527	Level Control Valve, Size 1"	100-LCV-07	DKN-100	1		
539	19-32528	Level Control Valve, Size 1"	100-LCV-09	DKN-101	1		
540	19-32530	Level Control Valve, Size 1"	100-LCV-10	DKN-100	1		
541	19-32532	Level Control Valve, Size 2"	100-LCV-11	DKN-100	1		
542	19-32533	Pressure Control Valve, Size 3"	100-PCV-01	DKN-100	1		
543	19-32535	Pressure Control Valve, Size 3"	100-PCV-02	DKN-100	1		

544	19-32537	Pressure Control Valve, Size 3"	100-PCV-03	DKN-100	1		
545	19-32539	Pressure Control Valve, Size 3"	100-PCV-04	DKN-100	1		
546	19-32541	Pressure Control Valve, Size 6"	100-PCV-05	DKN-100	1		
547	19-32543	Pressure Control Valve, Size 2"	100-PCV-06	DKN-100	1		
548	19-32544	Pressure Control Valve, Size 2"	100-PCV-07	DKN-100	1		
549	19-32546	Pressure safety valve, Size 2" H 3"	100-PSV-01	DKN-100	1		
550	19-32547	Pressure safety valve, Size 2" H 3"	100-PSV-02	DKN-100	1		
551	19-32548	Pressure safety valve, Size 2" H 3"	100-PSV-03	DKN-100	1		
552	19-32549	Pressure safety valve, Size 2" J 3"	100-PSV-04	DKN-100	1		
553	19-32551	Pressure safety valve, Size 3/4" x 1"	100-PSV-05	DKN-100	1		
554	19-32552	Pressure safety valve, Size 3/4" x 1"	100-PSV-06	DKN-100	1		
555	19-32554	Pressure safety valve, Size 3/4" x 1"	100-PSV-07	DKN-100	1		
556	19-32614	Pressure Control Valve, Size 2"	903-PCV-01	DKN-903	1		
557	19-32561	Pressure Control Valve, Size 1"	903-LCV-01	DKN-903	1		
558	19-32562	Pressure safety valve, Size 1-1/2" G1-1/2"	903-PSV-01	DKN-903	1		
559	19-32565	Pressure safety valve, Size 2" G 3"	120-PSV-01	DKN-120	1		
560	19-32566	Pressure safety valve, Size 2" G 3"	120-PSV-02	DKN-120	1		
561	19-32568	Pressure safety valve, Size 2" G 3"	120-PSV-03	DKN-120	1		
562	19-32571	Pressure safety valve, Size 2" G 3"	120-PSV-04	DKN-120	1		
563	19-32573	Pressure safety valve, Size 2" G 3"	120-PSV-05	DKN-120	1		
564	19-32576	Pressure safety valve, Size N/A	902-PSV-01	DKN-902	1		
565	19-32577	Pressure safety valve, Size N/A	902-PSV-02	DKN-902	1		
566	19-32579	Pressure safety valve, Size 3/4" x 1"	902-PSV-03	DKN-902	1		
567	19-32581	Pressure safety valve, Size N/A	902-PSV-04	DKN-902	1		
568	19-32583	Pressure Control Valve, Size 1"	806-PCV-01	DKN-800	1		
569	19-32585	Pressure Control Valve, Size 1"	806-PCV-2A	DKN-800	1		
570	19-32587	Pressure Control Valve, Size 2"	806-PCV-2B	DKN-800	1		
571	19-32589	Pressure Control Valve, Size 1"	806-PCV-03	DKN-800	1		
572	19-	Pressure safety valve, Size 1-1/2"	806-PSV-01	DKN-	1		

	32590	H 3"		806			
573	19-32592	Pressure safety valve, Size 3" K 4"	806-PSV-02	DKN-806	1		
574	19-32615	Pressure Control Valve, Size 6"	830-SDV-01	DKN-800	1		
575	19-32597	Pressure Control Valve, Size 2"	830-PCV-02	DKN-800	1		
576	19-32599	Temperature. Control Valve, Size 3"	830-TCV-01	DKN-800	1		
577	19-32600	Temperature. Control Valve, Size 2"	830-TCV-02	DKN-800	1		
578	19-32602	Temperature. Control Valve, Size 4"	830-TCV-03	DKN-800	1		
579	19-32604	Temperature. Control Valve, Size 1"	830-TCV-04	DKN-800	1		
580	19-32607	Pressure safety valve, Size 4" L 6"	830-PSV-01	DKN-830	1		
581	19-32608	Flow Control Valve, Size 1-1/2"	911-FCV-01	DKN-911	1		
582	19-32610	Pressure safety valve, Size 1" E 2"	911-PSV-01	DKN-911	1		
583	19-32612	Pressure safety valve, Size 1" E 2"	911-PSV-02	DKN-911	1		
584	19-32613	Pressure safety valve, Size 1" E 2"	911-PSV-03	DKN-911	1		
585	19-32598	Pressure safety valve, Size 1" E 2"	911-PSV-04	DKN-911	1		
586	19-32601	Pressure safety valve, Size 3" K 4"	911-PSV-05	DKN-911	1		
587	19-32603	Pressure safety valve, Size 3" K 4"	911-PSV-06	DKN-911	1		
588	19-32605	Pressure safety valve, Size 3" K 4"	911-PSV-07	DKN-911	1		
589	19-32606	Pressure safety valve, Size 3" K 4"	911-PSV-08	DKN-911	1		
590	19-32550	Pressure safety valve, Size 3" K 4"	911-PSV-09	DKN-911	1		
591	19-32553	Pressure safety valve, Size 3" K 4"	911-PSV-10	DKN-911	1		
592	19-32555	Pressure safety valve, Size 3" K 4"	911-PSV-11	DKN-911	1		
593	19-32559	Shut down Valve, Size 4"	911-SDV-01	DKN-911	1		
594	19-32560	Shut down Valve, Size 4"	911-SDV-02	DKN-911	1		
595	19-32563	Shut down Valve, Size 4"	911-SDV-03	DKN-911	1		
596	19-32564	Shut down Valve, Size 4"	911-SDV-04	DKN-911	1		
597	19-32567	Shut down Valve, Size 2"	911-SDV-05	DKN-911	1		
598	19-32570	Pressure Control Valve, Size 2"	110-PCV-101	DKN-110	1		
599	19-32572	Level Control Valve, Size 2"	110-LCV-101	DKN-110	1		
600	19-32574	Level Control Valve, Size 1.5"	110-LCV-02	DKN-110	1		

601	19-32578	Pressure Control Valve, Size 1"	110-PCV-02	DKN-110	1		
602	19-32616	Level Control Valve, Size 1"	110-LCV-01	DKN-110	1		
603	19-32582	Level Control Valve, Size 2"	110-LCV-02	DKN-110	1		
604	19-32584	Pressure safety valve, Size 2"	110-PSV-101	DKN-110	1		
605	19-32586	Level Control Valve, Size 2"	19-LV-0903	DKN-1900	1		
606	19-32588	Level Control Valve, Size 1"	19-LV-0905	DKN-1900	1		
607	19-32591	Flow Control Valve, Size 10"	19-FV-0905	DKN-1900	1		
608	19-32593	Flow Control Valve, Size 1.5"	19-FV-0907	DKN-1900	1		
609	19-32596	Flow Control Valve, Size 1.5"	19-FV-4601	DKN-1900	1		
610	19-32491	Pressure Control Valve, Size 4"	19-PV-0952A	DKN-1900	1		
611	19-32492	Pressure Control Valve, Size 4"	19-PV-0952B	DKN-1900	1		
612	19-32617	Pressure Control Valve, Size 4"	19-PV-0902C	DKN-1900	1		
613	19-32494	Pressure Control Valve, Size 4"	19-PV-0903C	DKN-1900	1		
614	19-32495	Pressure Control Valve, Size 3"	19-PV-0908	DKN-1900	1		
615	19-32498	Pressure Control Valve, Size 2"	19-PV-0803	DKN-1900	1		
616	19-32501	Temperature. Control Valve, Size 1"	19-TV-0940	DKN-1900	1		
617	19-32503	Control Valve, Size 2"	19-CV-0010	DKN-1900	1		
618	19-32506	Hand valve, Size 10"	19-HV-0905	DKN-1900	1		
619	19-32510	Hand valve, Size 2"	19-HV-4601A	DKN-1900	1		
620	19-32512	Hand valve, Size 2"	19-HV-4601B	DKN-1900	1		
621	19-32516	Hand valve, Size 1/2"	19-HV-0904	DKN-1900	1		
622	19-32518	Shut down Valve, Size 4"	19-NV-4602A	DKN-1900	1		
623	19-32521	Shut down Valve, Size 4"	19-NV-4602B	DKN-1900	1		
624	19-32526	Shut down Valve, Size 2"	19-HV-0908A	DKN-1900	1		
625	19-32529	Shut down Valve, Size 2"	19-HV-0908B	DKN-1900	1		
626	19-32531	Pressure safety valve, Size 1.5"	19-PSV-0903	DKN-210	1		
627	19-32534	Pressure safety valve, Size 1"	19-PSV-0904	DKN-210	1		
628	19-32536	Pressure safety valve, Size 2"	19-PSV-0905	DKN-210	1		
629	19-	Pressure safety valve, Size 2"	19-PSV-0906	DKN-	1		

	32538			210			
630	19-32540	Pressure safety valve, Size 1"	19-PSV-0908	DKN-210	1		
631	19-32542	Pressure safety valve, Size 4"	19-PSV-0909	DKN-210	1		
G. Total							
Mob/Demob							
PST							
G. Total							

Note:

- a) Contractor should quote all the jobs and will not change serial # and quantity of any job
- b) Bids are invited under Single stage two envelope.
- c) Financial evaluation will be carried out on Grand Total basis. Contract will be awarded to technically responsive and financially lowest evaluated bidder.
- d) The prices shall be quoted in Pak Rupees.
- e) The prices shall be inclusive of all taxes (except Provincial Sales Tax/ ICT Tax on Services, where applicable), duties, levies, charges etc. Provincial Sales Tax/ ICT Tax on Services, if applicable will be borne by OGDCL.
- f) **Payment Terms:** Payment will be made in Pak Rupees through cross cheque at actual against verified invoices after completion of ATA Job.
- g) **Duration of contract**
Contract duration will be initially for a period of six months from the date of issuance of Service Order extendable with written mutual consent of both the parties.
- h) Bid bond of PKR 900,000/- (Pak Rupees Nine Hundred Thousand Only) must be submitted with the technical bid. Please see master set of tender documents (services) for further detail.
- i) The master set of tender documents (services) uploaded on OGDCL website (www.ogdcl.com) is the integral part of this TOR.