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## 1. General NOC Conditions

Contractors are required to comply with all general NOC conditions listed below:

- 1.1 Dubai Supply Authority (DUSUP) No Objection Certificate (NOC) is mandatory for any activity within 60 meters of the Hydrocarbon pipeline and related facilities in the Emirates of Dubai and/or inside the fenced pipeline corridor.
- 1.2 DUSUP NOC is applicable for Hydrocarbon pipeline and related facilities that are owned and/or operated by Dubai Supply Authority (DUSUP), Dubai Petroleum Establishment (DPE) Offshore Subsea, Shore pipelines and Onshore Pipelines, Emirates National Oil Company (ENOC) Group, Emdad (An Emarat, BP and Shell JV) and Dolphin Energy Limited (DEL).
- 1.3 DUSUP NOC is applicable for fenced and unfenced hydrocarbon pipelines in the DUSUP corridor, utility corridor or Right of Way (ROW).
- 1.4 DUSUP NOC is also applicable for Hydrocarbon pipeline and related facilities inside Jebel Ali Free Zone (JAFZA).
- 1.5 DUSUP NOC is issued as part of the RTA NOC through the RTA eNOC system. DUSUP NOC will include a list of General NOC Conditions that are mandatory for all DUSUP NOCs and Specific NOC conditions that are mandatory to the specific applicant scope of work.
- 1.6 DUSUP NOC require all works within 10 meters of the Hydrocarbon pipeline(s) and related facilities and /or works inside the fenced pipeline corridor to be supervised by **Pipeline Representative** whose main duty is to witness NOC works and ensure the contractor compliance with all NOC conditions.
- 1.7 Contractor must obtain DUSUP NOC prior to commencing work within **60 meters** of the Hydrocarbon pipeline and related facilities and/or **inside the fenced pipeline corridor** in Emirates of Dubai and JAFZA.
- 1.8 Contractor must obtain DUSUP NOC prior to commencing work within **10 meters** of DUSUP pipelines within the boundary of Emirates Global Aluminum (EGA), DEWA Jebel Ali Power Station (JAPS), DEWA H Station at Al Aweer and Hassyan Power Plant
- 1.9 Contractor must comply with all General and Specific DUSUP NOC condition. A copy of the NOC must remain at the work site during the work.
- 1.10 If the Contractor does not accept or agree to any DUSUP NOC conditions, the Contractor shall not start the work at site. Contractor should contact DUSUP to resolve the issue prior to commencement of work.
- 1.11 Contractor site supervisory staff and site foremen must attend DUSUP mandatory **Pipeline Safety Training** and obtain valid **Pipeline Safe Supervisor Card** prior to commencing work at site. To organize Pipeline Safety Training call (04) 802-8747 or Email: [DUSUP-NOC@dusup.ae](mailto:DUSUP-NOC@dusup.ae). Note: Mechanical excavation and/or earth movement equipment operators may also require DUSUP Safety Pipeline Training. Consult with Pipeline Patroller and/or Pipeline Representative at site.
- 1.12 Contractor site supervisory staff and site foremen with valid **Pipeline Safe Supervisor Card** must be present at the work site during working hours.

- 1.13 In case of emergency and/or damage to the pipeline, Contractor must stop all work activities, evacuate the work site and report emergency and/or damage immediately to the following contacts:
- Pipeline Patroller and/or Pipeline Representative at site or
  - DUSUP Gas Control Station (GCS) 24/7 telephone number: (04) 880-1867
  - ENOC Group by calling EPPCO Aviation 24/7 Emergency number: (04) 209-8000
- 1.14 Pipeline Patroller and/or Pipeline Representative is authorized to **STOP the work** that he considers unsafe to personnel, pipelines, facilities or the environment and/or works that are in violation of the DUSUP NOC conditions. Pipeline Patroller and/or Pipeline Representative will issue **STOP Work Order** that will describe the observation and corrective action.
- 1.15 Contractor must implement **STOP Work Order** corrective action prior to resuming works. All additional agreed conditions resulting from the STOP Work Order will be considered as part of the DUSUP NOC condition.
- 1.16 Contractor shall safely execute all works and wear the required PPE in accordance to Dubai Municipality Code of Construction Safety Practice.
- 1.17 Contractor must not block or restrict access for the Pipeline Patrol at any time, before, during or after the work.
- 1.18 Contractor equipment and/or vehicles is not allowed to cross a pipeline except in the authorized pipeline crossings. The Pipeline Representative will confirm safe crossing locations and advise whether they are heavy vehicle crossings or restricted to light vehicles only. In case the contractor requires to use an existing crossing that has poor soil conditions or inadequate pipeline depth as advised by the Pipeline Representative, Contractor shall contact DUSUP.
- 1.19 Contractor must relocate Cathodic Protection (CP) Systems including test posts and vent pipes if any exist in the area where the work is being carried out at the cost of the contractor and as per DUSUP approved design and instructions.
- 1.20 Contractor must apply an adequate bituminous protective coating to all reinforced concrete in contact with sand/soil as per the protective coating manufacturer's recommendations.
- 1.21 No lifting of loads or suspended loads is allowed above the pipelines.
- 1.22 Soil Investigation bore holes must be located at minimum separation distance of 10 meters from the existing pipeline(s). Any deviation from this requirement shall require DUSUP approval.
- 1.23 No parallel services are permitted inside the pipeline corridor. All buried parallel services outside the pipeline corridor must maintain a minimum 10 meters horizontal separation distance from the nearest hydrocarbon pipeline. Any reduction in separation distance shall require DUSUP approval.
- 1.24 No Smoking is permitted inside DUSUP fenced Pipeline Corridor and 10 meters distance from any existing pipelines in unfenced areas.
- 1.25 No photography allowed in the pipeline corridor without DUSUP prior approval. No non-intrinsically safe equipment is permitted within 10 meters from the existing pipeline(s) and valve stations.
- 1.26 DUSUP Permit To Work is required for any work involving open flame or other sources of ignition (such as non-intrinsically safe equipment) within 10 meters of an exposed DUSUP pipeline and within the classified areas such as block valve stations (BVS), Pigging Stations

and DUSUP Manifold area in DUBAL Corner plot near Interchange 7 of Sheikh Mohammed Bin Zayed Road etc.

- 1.27 The consumption of alcohol on site or within Pipeline corridor is strictly prohibited. Anyone found to be under the influence of alcohol or other controlled substance will be removed from site and not permitted to return. Legal proceeding will be imposed against violator.
- 1.28 In case contractor require to remove part of the existing pipeline corridor fence, contractor must erect an approve fence as approved by DUSUP prior to removal of existing fence. At the end of the project Pipeline Corridor fence must be re-instated. Contractor must transport permanently removed DUSUP materials to DUSUP Storage area as directed by Pipeline Patroller and/or Pipeline Representative.
- 1.29 All vehicle entering Pipeline corridor must have valid registration. Driver must have a valid driving license. Driver must strictly adhere to 40 km/hr speed limit inside pipeline corridor.
- 1.30 No storage of fuel or flammable chemicals are permitted inside the Pipeline corridor or within 10 meter of unfenced Pipelines.
- 1.31 Contractor must apply the following conditions when working within 10 meters of the pipeline and for the work inside fenced corridor:
  - Contractor shall organize for on-site presence of a Pipeline Representative. Contractor must notify the respective Pipeline Owner Pipeline Supervisor four (4) working days prior to commencement of work to arrange a Pipeline Representative. No work shall be carried out if the Pipeline Representative is not available. The Pipeline supervisors contracts are:
    - DUSUP Pipeline Supervisor **(050) 640-6096** or **Email: [Work.NOC@dusup.ae](mailto:Work.NOC@dusup.ae)**
    - ENOC Group Pipeline Supervisor **(050) 240-2879**
  - Working hours is limited between 7:00AM and 5:00PM. No work permitted on Fridays or Public Holidays. In the case of urgent requirement, a formal written request must be submitted to the DUSUP addressed to the Pipeline Superintendent for approval. Requests must be submitted at least two working days in advance of the proposed work. Such requests will be considered on a case by case basis.
  - Contractor must carry out continuous gas monitoring when working within 10 meters of the exposed hydrocarbon pipeline to ensure that the work area is safe and gas free.
  - Heavy equipment may not approach within 10 meters of a pipeline or related facility except at established safe pipeline crossings.
  - The vibratory equipment on vibration mode must not be used within 10 meters distance from the existing pipelines unless the contractor carryout vibration test in the presence of DUSUP representative by third party testing agency to demonstrate that the vibration level (peak particle velocity) is less than 40 mm/s and a separate technical approval from DUSUP is required for the use of compactor on vibratory mode.
- 1.32 Contractor must apply the following conditions when working within 5 meters of the pipeline in additions to the conditions above (16):
  - Excavation shall be by hand shovel only. No pickaxes or powered digging equipment or machines of any kind shall be allowed.
  - Minimum 5.0 meter clear separation distance must be maintained from edge of any bridge foundation or road embankment support structure at the new bridge or elevated road crossings.

- 1.33 Contractor must apply the following conditions when carrying out excavations works. Trial Pit NOC will have additional Specific Conditions:
- Before any excavation is conducted near a buried pipeline, the pipeline location must be confirmed with a Pipeline Locator device and its depth must be verified by hand digging trial pit(s) attended by a Pipeline Representative.
  - A suitable safety barrier and approved warning signs must be placed around any excavation area. The pipeline must be protected at all times and must not remain exposed overnight.
  - Shoring or step cutting (battering) must be provided for excavations deeper than 1.2 meters.
  - Plastic spades must be used while excavating within 0.50 meters distance from the existing pipeline.
  - If an excavation trench is more than 2.5 meters wide, the support method for pipelines must be pre- approved by DUSUP as part of NOC review.
  - Prior to back filling, any exposed pipe must be inspected and cleared by the Pipeline Representative.
  - In desert areas, back filling around the pipeline(s) must be with clean “sifted” dune sand of low chloride content (less than 0.05 percent), compacted to at least original density by hand. In other areas, a minimum 300 mm backfilling around the pipeline must be completed with dune sand or clean sand of low chloride content (less than 0.05 percent) mixed with sufficient water and compacted in 10 cm layers to original density by hand.
- 1.34 Contractor shall be liable for any Pipeline Owner claims as a result of Contractor causing damage to the pipeline fence, pipeline corridor, pipeline berm pipeline protective coating and physical pipeline damage and/or related equipment's, facilities, structure and/or buildings. DUSUP shall not be held liable for damage caused by Contractor to third party pipelines.
- 1.35 Contractor shall bear the cost of temporary precautions and damage repairs to the pipeline owner's specifications.
- 1.36 Contractor shall pay all the cost of damage to the Pipeline Owner including all associated cost in loss in revenue and the cost for reinstating the area to its original condition. The amount shall not be less than the schedules of compensation set forth for by existing laws for the Emirate of Dubai as well as any other applicable schedule of compensation enforced in the UAE.
- 1.37 In the event that a Contractor's activity results in injury, damage or loss to any third party personnel or facilities, the Contractor shall indemnify and hold the pipeline owners harmless from all resulting consequences.
- 1.38 Neither the issue by DUSUP of a written NOC, nor the presence of a Pipeline Representative at the work site nor any instructions of a Pipeline Representative will relieve the contractor of its sole responsibility for the works and the manner in which they are carried out.

## **2. Specific NOC Conditions**

- 2.1 DUSUP will issue additional specific Technical, Safety and Operations Conditions for every specific work scope.
- 2.2 Contractor must comply with the Dolphin Energy NOC and its Standard & Specific Conditions attached while working within 50 meters of Dolphin Energy Pipeline.

## **3. NOC Revalidation Conditions**

- 3.1 Revalidation requests must include statement from the applicant that there has been no change to the original work scope and that all site conditions remain the same.

## **4. NOC Closeout Conditions**

- 4.1 All Construction NOC's must be closed after completion of the work. The Contractor shall arrange a field verification of as built drawings with the Pipeline Representative and submit a formal request for the closure of NOC along with as-built drawings in auto-cad format in DLTM coordinates datum to the DUSUP Office within 30 days of completion of work. DUSUP will then review and issue a formal confirmation of the closure of NOC.
- 4.2 The Close out request for the NOC's affecting other pipeline owners (ENOC Group, EMDAD and Dolphin Energy) pipelines or assets shall be forwarded to the respective pipeline owner for review and approval. DUSUP will issue a formal confirmation of the closure of NOC after receiving pipeline owner's approval.
- 4.3 Upon completion of the work, the contractor must complete the following to the satisfaction of the Pipeline Representative:
  - a) Restore pipeline berm or covering to its original condition,
  - b) Clear all rubbish and excess materials,
  - c) Remove all temporary protection, barriers, facilities and equipment's,
  - d) Restore the pipeline corridor and related facilities to the original condition.

This will be verified by the Pipeline Representative during the close out inspection.