



Terms of Reference – Technical Consultancy

Service/work description: Design of technical specifications for and support the procurement of two harbour mobile cranes in the Port of Hodeidah

Project: Peace Support Facility for Yemen

Expected start date: as soon as possible

Duration: 10 working days

Duty station: Home based

1. BACKGROUND

Yemen is experiencing one of the world's worst protracted political, humanitarian and development crises. One of the most affected areas in the country is the Governorate of Hodeidah, from where more than 500,000 people were displaced. The concerted effort of the United Nations and wider international community has been to avert a military confrontation over Hodeidah city and port, which would have most certainly precipitated an already dire situation. After more than two years of stalemate, the Special Envoy of the Secretary General for Yemen convened intra-Yemeni consultations in Sweden in December 2018. The Stockholm Agreement, brokered by the United Nations Special Envoy of the Secretary-General for Yemen on 14 December 2018, is seen as a foundation on which to restore peace and rebuild lives.

UN Security Council Resolution (UNSCR) 2541 was issued on 21 December 2018, calling for an immediate cease-fire in the city of Hodeidah, the ports of Hodeidah, Salif and Ras Issa and the governorate of Hodeidah. In addition, it calls for the strengthening of the UN's presence in the city of Hodeidah and the three ports and places the Organization in a leading role to support the Yemen Red Sea Ports Corporation (YRSPC) in the management of, and inspections at, the ports.

UN Development Programme (UNDP) has been tasked to take the lead in providing support to YRSPC in close coordination with relevant authorities, United Nations Mission to support the Hodeidah Agreement (UNMHA), the United Nations Verification and Inspection Mechanism for Yemen (UNVIM) and the World Food Programme (WFP). UNDP intends to support port restoration and to build operational capacity to help facilitate the entry of vital humanitarian aid and commercial shipments.

In support of these efforts, UNDP organized a port assessment of Hodeidah, Salif and Ras Issa to be executed by experts from the Port of Rotterdam. This assessment was performed from 15 June – 8 July 2019. The assessment identified some priority interventions to improve the functionality and safety of operations of Ports Hodeidah, Salif and Ras Issa, which will be implemented through the UNDP project "Peace Support Facility for Yemen". As described in these Terms of Reference, UNDP is looking for an expert to design technical specifications for the purchase of two mobile cranes to be used in the port of Hodeidah. The expert will also support UNDP to launch the procurement process and assess the bids received.

2. THE STATUS OF THE BERTH CRANES

Hodeidah port has seven berths. Berths 1 – 5 are used for general cargo and fuel and Berths 6 and 7 are container berths.

On Berths 1 – 5, there are five Russian-made portal cranes of which two are fully decommissioned. The other three are working but are in urgent need of maintenance. Replacement of the cranes should be considered as quickly as possible.

On Berths 6 and 7, there are five ship-to-shore gantry cranes on the quay side. Three cranes have been demolished – one Mitsubishi-made and two Figeo gantry cranes. They have destroyed engines and/or electrical houses and the main frames have been structurally damaged in the conflict. One of the main findings of the assessment is the possibility of repairing at least one but maybe two ship-to-shore cranes instead of buying new cranes.

However, the port currently has no capability of handling containers other than with available gear on visiting vessels, limiting the number of vessels that can visit the port. Therefore, two Mobile Harbor Cranes (MHC) can be procured and delivered in a period of 6 – 7 months after ordering. The MHC may be used on the container and general cargo berths. As soon as the two gantry cranes are operational, the MHC should replace the old Russian cranes on Berths 1 – 5.

3. SCOPE OF WORK

UNDP decided to launch a procurement process for the purchase of two mobile harbour cranes. As such, this assignment requires the expert consultant to do the following:

- Design technical specifications for the procurement of two mobile harbour cranes. These will need to be in line with the requirements outlined in the comprehensive damage and capacity assessment report conducted by UNDP. This may also require further consultation, to be facilitated by UNDP, with the Yemen Red Sea Port Corporation;
- Verify and support the development of the Intention to Bid (ITB) documentation that will be drafted by UNDP, including preparation of technical criteria to be used in the ITB;
- Provide technical support to UNDP in conducting the evaluation of the bids received and answering any technical questions during the solicitation, evaluation or contract review committee (R/ACP).

4. DELIVERABLES

Under the supervision of the Peace Support Facility manager, and in close coordination with the Head of Hodeidah sub-office and the Team Leader for Peace Support Operations, the consultant will be responsible for developing designing technical specifications, supporting the development and the evaluation of the ITB.

As such, the expert is requested to deliver the following:

Deliverables/ Outputs	Estimated Duration to Complete	Payment %	Review and Approvals Required
Output 1: Development of technical specifications for the procurement of two mobile harbour cranes for the Port of Hodeidah	5 working days (home-based)	70%	PSF Manager
Output 2: Support UNDP in the development of the ITB, including definition of technical criteria and answering and technical clarifications during the solicitation period	2 working days (home-based)		
Output 3: Provide technical expertise to UNDP for the evaluation of the bids received as a result of the ITB and answer any technical clarifications raised by the contract review committee (R/ACP)	3 working days (home-based))	30%	PSF Manager
Total		100%	

5. INSTITUTIONAL ARRANGEMENTS

- The work of the technical expert will be facilitated and supported by UNDP, through its Peace Support Facility team and the Hodeidah sub-office. This includes the technical support from a national port expert, which can facilitate any needed consultation with the Yemen Red Sea Ports Corporation.
- The consultant is expected to liaise and collaborate in the course of performing the work with other consultants, including a quality assurance expert that will be overseeing UNDP work on the cranes in Hodeidah port;
- S/he will report to and consult with the PSF manager on regular basis;
- The consultant is required to maintain close communication with the UNDP Yemen on regular and needed basis at any period throughout the assignment in order to monitor progress. In the event of any delay, the consultant will inform UNDP promptly so that decisions and remedial action may be taken accordingly. Delays that would affect the flow of the collaborative work and the delivery of outputs on schedule will lead to termination of contract; and
- Should UNDP deem it necessary, it reserves the right to commission additional inputs, reviews or revisions, as needed to ensure the quality and relevance of the work.

6. QUALIFICATIONS

- At least Bachelor's Engineering Degree in mechanical, maritime, electrical engineering or related field;
- At least 7 years of experience in production, maintenance, servicing, repairing of harbor and/or mobile harbor cranes.
- Proven experience in developing tenders, specifications and bills of quantities.
- Fluency in English is required.