Pre-bid Meeting Minutes - Addendum No.1 to the ITB

Invitation to Bid (ITB):

Lot 1: Construction of Deep Water Well Site and Aboveground Water Reservoir
Lot 2: Construction of Water Transmission Pipeline

<table>
<thead>
<tr>
<th>Project</th>
<th>Jericho Agro-Industrial Park (JAIP)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ITB issue Date</td>
<td>27 September 2021</td>
</tr>
<tr>
<td>Extended Deadline for submission of bids</td>
<td>As set in the relevant e-tendering event</td>
</tr>
<tr>
<td></td>
<td>PAL10- 0000010501</td>
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<td></td>
<td>21 October 2021 at 11:00 AM EDT (6:00 P.M. Jerusalem time)</td>
</tr>
</tbody>
</table>

This correspondence pertaining to the above-mentioned project should be considered as an integral part of the tender documents. Below please find the UNDP / PAPP clarifications and an official reply to all inquiries raised by participant bidders during and following the pre-bid meeting held on 4 October 2021 at Jericho Agro-Industrial Park (JAIP), and the joint site visit to the two project sites.

A. Revised Price Schedule (Bill of Quantities - BoQ): The original Bills of quantities (BoQ) for both lots are hereby replaced by revised versions, annexed to this addendum. Interested bidders are therefore required to duly fill-in / price and submit the revised version of the BoQs for the chosen lot(s), along with their offers (both as PDF of signed scanned copy and in Excel format). In case any bidder uses and submits the unrevised / old versions of the Bill of quantities, then this shall cause UNDP to reject his offer/bid as unresponsive. In case both versions of the BoQ are submitted by the bidder, then UNDP shall consider only the revised BoQ version when evaluating his offer.

B. General Notes on the ITB:

- UNDP representatives went over the ITB, and re-iterated that all tender documents are complementary to each other. Accordingly, the bidders are requested to thoroughly read and understand all the tender documents before they provide technical and financial offer.

- UNDP reminded the attendees of some Critical points in the ITB that the bidders need to consider during preparation of their offers (Technically and Financially):
The bidders shall consider all solicitation documents, including this addendum, in preparing their offers.

The maximum expected duration of contract for Lot 1 is extended from six calendar months to be **seven** calendar months from Notice to proceed date. Duration for Lot 2 shall remain unchanged (six calendar months from Notice to proceed date).

The Liquidated damages rate is 0.3% of the Contract Price per each day of delay. There will be critical milestones, in which liquidated damages of 0.05% of the Contract Price per each day of delay in each Lot will be applied as follows:

- For Lot 1: Delivery of pumps (all types) to the project site. **This item is extended from five months to be within six months** from Notice to proceed date.
- For Lot 2: Delivery of pipes (all types) to the project site, to be within **three Months** from Notice to proceed date.

The bidders are referred to page 23 “Right to Vary Requirements at Time of award or during implementation: In the event of variations in the quantities specified in the Bill of Quantities, the re-adjustment of the in the price will be calculated based on the unit price of the bid, and no other adjustment is permitted even if variations exceeded twenty-five (25%) of the originally estimated quantities.

Besides the mandatory (pass/fail) eligibility & qualification criteria, the bidders are referred to Technical Evaluation Criteria pages 29 and 30 of the ITB. UNDP Highlighted that contractor should fully comply with those requirements, and any deficiencies in the contractor’s technical proposal may cause the contractor’ offer to be technically non-compliant and hence disqualified accordingly.

UNDP Emphasized that the bidders are requested to submit in their technical proposal the following items- as brands **and / or** data sheets:

- Submersible pumps (Lot 1)
- Booster pumps (Lot 1)
- HDPE pipes (Lot 2)
- Valves and Fittings (Lot 1 and Lot 2)

Accordingly, “Bidders who fail to submit technically compliant brands and/or models, will be disqualified for being technically unresponsive to tender technical requirements”

UNDP team stressed to bidders that as stated in “Section 5D- Special Conditions”, and further clarified in the pre-bid meeting, the awarded contractor will not be entitled to any compensation (until the completion of the project) on any fluctuations in:

- **Currency Exchange Rates**
- **Material / Equipment and Labor Prices and costs**

No adjustment of contractor’ bid prices will be allowed due to any COVID-19 movement restriction or import delays.

The bidders are referred to “UNDP Health and Safety Requirements” which is an integral tender document. Contractors should thoroughly read, understand, and strictly adhere to the Safety requirements mentioned. The site mobilization, demobilization, and all safety requirements as mentioned in UNDP Health and Safety Requirements and in the ILO
Safety codes and manuals should be evaluated and priced in the related BoQ items. **Additionally, Contractors are referred to Safety Violations Penalties in pages 51-52.**

- The bidders are referred to Page 56 of the ITB for the required documents to be attached to their offers; and to also include a **Valid Contractor’s Classification Certificate** as required.

- Regarding Form F: Priced Schedule Form (Bill of Quantities):
  - Bidders shall submit the Priced Bill of Quantities in PDF electronic format (scanned copy of the priced, signed, and stamped Bill of Quantity).
  - Bidders shall also submit the Priced Bill of Quantities in Excel Format.
  - In case of unbalanced pricing, UNDP has the right to reject unbalanced bid if it determines that the lack of balance does pose an unacceptable risk to UNDP.

- Submissions of equipment/materials may only include the same or equivalent brands/makes of equal or better quality than those specified in the **approved list of manufacturers. In case those proposed brands and/or models are found not equivalent, then the respective offer will be rejected. Accordingly, we advise bidders to adhere to approved manufacturer list.**

- Wherever the word “equally approved “is used in the tender documents it shall also mean “approved alternate” or vice versa. In this regard, approved alternate means full compliance with all required technical specifications (fully meet the specifications) & features, have reliable after-sale service, long-term durability, proportional financial costs, excellent performance, reasonable operation and maintenance costs, etc., all as per relevant sections in the tender documents (proposed brands/models will be compared/benchmarked to the **approved manufacturers/ brands** provided in the tender documents).

- In summary, all proposed materials or equipment, submitted by the contractor as substitute to the specified in the tender documents and in the approved manufacturers/ brand, will be accepted and considered equally approved/ approved alternate if they meet the following conditions:
  - Equal or better in quality, durability, and efficiency, all to UNDP engineer judgment.
  - Proportionate Financial capital, operation and maintenance costs.
  - Represented in the country by a reputable, qualified, and credible agent.
  - Has positive local references (successfully installed, tested & operated in similar projects (nature and value) for no less than 5 years in the country)

**C. Notes Regarding Project Scope and Design Presentation:**

- The UNDP’ contracted design office Representatives described to the contractors the scope of the project and clarified the design for each Lot.

- Bidders are referred to the Section 5b in the ITB that contains a brief statement on the Scope of the works for each lot.

- The UNDP’ contracted design office Representatives highlighted the following:
• As for Lot 01, and at the early stages of the project, the contractor shall clean the deep well (with temporary pump supplied by the contractor) for additional water quality inspections. Contractors are referred to detailed scope of works mentioned in the BoQ.

• Regarding the Submersible pump of the deep well, it is important that it is supplied with the cable included and pre-installed.

• The VPN Connection to PWA SCADA System in Drawing no. JAIP-W-SITE-E-07 is modified from “Monitor and Control Mode” to “Monitor Only”. All control functions will be performed locally inside the well site.

D. Responses to bidders’ queries:

<table>
<thead>
<tr>
<th>No</th>
<th>Query(s) Raised</th>
<th>Reply/Clarification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>a) According to the technical proposal, do we have to submit 2 technical proposals for the two lots?? Or one technical for both of them?</td>
<td>a) In case the bidder is interested in both Lot 1 and Lot 2, The bidders should submit separate submissions (Technical and financial offers for each Lot). Also, this is to remind the bidders that the bidder may be awarded only one lot out of the two. Please refer to the ITB for more on this aspect.</td>
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<tr>
<td></td>
<td>b) According to the CPM. We use Primavera. Is it acceptable to you?</td>
<td>b) Yes, Both Primavera and MS Project are acceptable.</td>
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<td></td>
<td>c) Regarding the required personnel, what do you mean by proven Experience, that we must provide one contact person for each experience or other???</td>
<td>c) The personnel who will be proposed in the project should be well qualified and have sufficient years of experience (as mentioned in the ITB) in similar projects, and there should be contact references for the projects that he/she worked in.</td>
</tr>
<tr>
<td></td>
<td>d) On page 33 of 70 you mention IT Supportive tools used in the company, what do you mean in that ???</td>
<td>d) Bidders are requested to submit list of software programs used by the company for construction and management.</td>
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<td></td>
<td>e) in LOT 1 BOQ , we noticed in the preambles point 43 (The pressure rating for all water supply system components shall be PN 10 at least) „but in the drawings and specification each fittings had PN 16. Please advise?</td>
<td>e) The pressure rating of water system components shall be PN 10 at least unless otherwise stated specifically under the relevant BoQ item.</td>
</tr>
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<td></td>
<td>f) We ask to postpone the delivery date by 2 weeks at least.</td>
<td>f) Deadline to receive offers has been extended as shown in the respective event in the e-Tendering system.</td>
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<tr>
<td></td>
<td>g) since the splice is not allowed for submersible pump cable please clarify</td>
<td>g) It is an extra material to be supplied with the pump.</td>
</tr>
<tr>
<td>No</td>
<td>Query(s) Raised</td>
<td>Reply/Clarification</td>
</tr>
<tr>
<td>----</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>the item 4.1.9.C in particular specifications.</td>
<td>h) This function is not applicable</td>
</tr>
<tr>
<td></td>
<td>h) refer to the particular specifications 5.13.2.9 the pump shall be called to stop if there is high vibration for the motor, but the vibration instrument is not indicated on P&amp; ID and SLD, please clarify.</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>a) for lot 2, transmission pipeline. Is the warning tape plastic or metallic?</td>
<td>a) It's mentioned in the preambles of the BOQ, which is plastic for steel pipes and metallic for HDPE pipes.</td>
</tr>
<tr>
<td></td>
<td>b) for lot 1 &amp; lot 2. Can we submit material equivalent to that in the approved manufacturer list? like HDPE pipe?</td>
<td>b) Yes, please refer to the relevant point in section B of this addendum.</td>
</tr>
<tr>
<td></td>
<td>c) for lot 2, the base course grade B, is it approved for trench backfilling?</td>
<td>c) All the base course material used in all the sections in this project shall be <strong>Class A Base course</strong>. The specifications of the Class A base course are mentioned in the Particular Technical Specifications. This also applies on the Lot 1, the base course required for all the backfilling of the project shall be <strong>Class A base course</strong>.</td>
</tr>
<tr>
<td></td>
<td>d) if you can extend the date of the event's end?</td>
<td>d) Deadline to receive offers has been extended as shown in the respective event in the e-Tendering system</td>
</tr>
<tr>
<td>3</td>
<td>As mentioned in the pre-bid meeting kindly confirm that only manufacturer name must be submitted in this stage for Lot-2 &quot;HDPE pipes and valves&quot;.</td>
<td>At this stage, manufacturer/brand names should be provided in the technical proposal, it is advised to provide more details on the data sheets of the selected products, to shorten the submittal approval process due to the limited time frame of the project. UNDP advises all the bidders to take into consideration the time frame for the delivery time of the proposed brand, bearing in mind</td>
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**Note:**

- **Class A Base course** as defined in the project specifications.
- All bids must adhere to the guidelines and time frames outlined in the e-Tendering system.
<table>
<thead>
<tr>
<th>No</th>
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<tbody>
<tr>
<td>4</td>
<td>Can the tender in Lot 1 be open to contractors classified as Grade two (2) in electro-mechanical works?</td>
<td>Classification fields &amp; grades required per each lot shall remain unchanged as stated in the ITB.</td>
</tr>
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</table>
| 5  | Is the specified submersible pump suitable for the water quality?                                                                                      | Yes, there has been several tests conducted on the deep well, that resulted in the technical specifications designed for the deep well submersible pump. It is also to be noted that this is now included with the addendum in the specifications of the pump:  
Submersible Well Pump: The bowl assembly for the submersible well pump could be constructed either from stainless steel 316 as specified or Ni-Al-Bronze alloy in accordance with (EN 1982-CC333G or ASTM B 148/B505-C95500). The bowls shall be complete with stainless steel 316 wear rings. The sealed sleeve section/coupling mentioned in the Particular Technical Specifications (Section 4.2.8) shall be provided if recommended by the listed approved manufacturers subject to the pump operating conditions and the quality of the pumped water. The minimum approved power factor (PF) for the pump motor at full load is amended to 81% at least instead of 82%. |
| 6  | There is a contradiction in the areas shown on the schedule of the Offices for the Engineers Representatives, can you please clarify.                   | Regarding the areas of the offices, the bidders are referred to the schedule in page 45 of the ITB, which shows the schedule and spaces, numbers, and minimum square area.  
|    |                                                                                                                                                      | Space | No. | Min. Area m2  |
|    |                                                                                                                                                      |       |     |               |
|    |                                                                                                                                                      | Office room | 2   | 3.5 x 3.5 m  |
|    |                                                                                                                                                      |       |     | (12.25 m2)    |
Ref. ITB-2021-PAL-150345  
UNDP e-Tendering event ID: PAL10-10501  
Addendum 01 to the ITB

<table>
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<tr>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>Meeting room</td>
<td>5X3.5m (17.5m²)</td>
</tr>
<tr>
<td>2</td>
<td>Toilet</td>
<td>2 x 1.5 m (3 m²)</td>
</tr>
<tr>
<td>1</td>
<td>Kitchen</td>
<td>3 x 3 m (9 m²)</td>
</tr>
</tbody>
</table>

The above areas are to be complied in the project (site office area of 24 square meters as stated in the ITB was a typo in this case) All the other components mentioned remain the same.

Additionally, UNDP re-iterates: Only bidders who will bid for Lot 1 should account for Offices of the Engineer Representative in their bid pricing; the contractor who will be awarded Lot 1 is required to provide the Engineer offices; the said Engineer; offices are not required from the contractor who will be awarded lot 2.

All the other components from site mobilization and Health & Safety requirements as mentioned in the related BoQ items remain the same.

It is to be noted that the bidders are still required to account for their own “site offices”

| 7  | Regarding the period of Tax exemption for pumps to be imported by the awarded contractor, is it considered in the project duration? Is there a maximum duration allowed? | The following schedule shall be used by tenderers as guidance without any liability on UNDP: 
<p>|    |                                                                 | a) 3 weeks for review and approval of the submersible pump’s submittal. |</p>
<table>
<thead>
<tr>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>b) One week for preparing the manufacturing order.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>c) 3.5 months for manufacturing the two pumps. (Tax exemption should be accomplished within this duration)</td>
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<tr>
<td></td>
<td></td>
<td>d) One month for shipment/delivery/clearance.</td>
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<tr>
<td></td>
<td></td>
<td>e) 1.5 months for installation, testing and commissioning.</td>
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<tr>
<td>8</td>
<td>Q1: Can the Project Duration be extended more than six months? Taking into</td>
<td>The maximum expected duration of the contract for Lot 1 is extended from six (6) calendar months to seven (7) calendar months from Notice to proceed date.</td>
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<tr>
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<td>consideration the challenges in the importing process.</td>
<td></td>
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<td></td>
<td></td>
<td>The maximum expected duration of the contract for Lot 2 shall remain Six (6) calendar months from Notice to proceed date.</td>
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E. Additional Information for Construction of Jericho Well Site Project (Lot 1)

1. An additional item for the spare well pump is added to the BOQ as shown in item No. ‘JAIP-W-1302.
2. The item for the booster pumps is modified by adding spare parts as shown in the modified item No. ‘JAIP-W-1404/01 in the BOQ.
3. Submersible Well Pump: The bowl assembly for the submersible well pump could be constructed either from stainless steel 316 as specified or Ni-Al-Bronze alloy in accordance with (EN 1982-CC333G or ASTM B 148/B505- C95500). The bowls shall be complete with stainless steel 316 wear rings. The sealed sleeve section/coupling mentioned in the Particular Technical Specifications ( Section 4.2.8) shall be provided if recommended by the listed approved manufacturers subject to the pump operating conditions and the quality of the pumped water. The minimum approved power factor (PF) for the pump motor at full load is amended to 81% at least instead of 82%.
4. The VPN Connection to PWA SCADA System in Drawing no. JAIP-W-SITE-E- 07 is modified from “Monitor and Control Mode” to “Monitor Only”. All control functions will be performed locally inside the well site.
5. For multistage booster pumps, the pump liquid is sand free (Section 5.6.1 of the Particular Technical Specifications).
6. The unit and quantities for item no. ‘JAIP-W-2135 in the BOQ for the ethernet cable is modified as shown in the attached updated BOQ.
F. Additional Information for Construction of Jericho Transmission Line Project (Lot 2)

1. An additional item for the Discharge Chamber to Irrigation Channel at ST 0+620 is added to the BOQ as shown in items No. 'JAIP-TL-1001 to 'JAIP-TL-1013 with a new standard detail of No. JAIP-TL-STD-07.

2. Supply of an electro-fusion welding machine for HDPE pipes is added to the BOQ as shown in item No. 'JAIP-TL-1205.

3. The backfilling material specifications and cross-section details are modified as presented in the modified standard detail No. JAIP-TL-STD-01 and highlighted items in the attached modified BOQ.

4. The technical specifications of the single size aggregate (Foleyyeh) which is mentioned in the updated Drawing JAIP-TL-STD-01 should be used in the backfilling materials (Above the Semsem soft backfilling) are as per the below requirements:

   Single size gravel shall consist of crushed rock or gravel, durable and free from slaking or decomposition under the action of alternative wetting and drying, free from rocks and unbroken masses of earth materials, loam, clay, excess fines, and other deleterious materials. This material shall be uniformly graded with a particle size between 25-mm and 4.75-mm per ASTM C117 and C176, as follows:

<table>
<thead>
<tr>
<th>Sieve Size (mm)</th>
<th>37.5</th>
<th>25</th>
<th>12.5</th>
<th>4.75</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Limit</td>
<td>100</td>
<td>100</td>
<td>60</td>
<td>10</td>
</tr>
<tr>
<td>Lower Limit</td>
<td>100</td>
<td>95</td>
<td>25</td>
<td>0</td>
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</tbody>
</table>

5. Backfilling requirements are modified as mentioned in the preambles of the attached BOQ.

6. The Base course Material in all the sections in this project to be Class A, as mentioned in the Particular Technical Specifications.

All other terms and conditions of the solicitation documents, except as amended herein, shall remain unchanged and shall continue in full force and effect.

Interested bidders shall acknowledge receipt of this addendum by returning/including it, signed, and stamped, with their offers.

Signature: Shehadeh Habash
Name: Shehadeh Habash
Title: Head of Procurement Unit
UNDP/PAPP 11-Oct-2021

Attachments:
1. Revised Bill of Quantities (BoQs) for Lot 1 and Lot 2.
2. Revised drawing No. JAIP-TL-STD-01 for Lot 2: This revised drawing replaces the same drawing number JAIP-TL-STD-01 that was included with the tender.
TYPICAL PIPE TRENCH DETAIL ALONG ASPHALT MAIN ROADS

TYPICAL PIPE TRENCH DETAIL ALONG SECONDARY ASPHALT ROAD

TYPICAL PIPE TRENCH DETAIL PIPE ALONG BASECOURSE ROAD AND NATURAL GROUND ROAD

TYPICAL PIPE TRENCH DETAIL IN DIRT SHOULDER

TYPICAL PIPE TRENCH DETAIL IN SIDEWALKS

TYPICAL PIPE TRENCH DETAILS ALONG CONCRETE PAVED ROADS

TYPICAL PIPE TRENCH DETAIL CROSSING ASPHALT ROAD AT SKEW OR RIGHT ANGLE

TYPICAL PIPE ENCASLEMENT DETAIL

TYPICAL PIPE SECTION PARTIALLY ABOVE GROUND

TYPICAL PIPE SECTION ABOVE GROUND

STEEL FLANGE AND FLANGE WATER STOP

WATER PIPE

STEEL PIPE THROUGH WALL

WATER PIPE

TYPICAL DUAL PIPE TRENCH (BACKFILLING)

1. ALL DIMENSIONS IN MILLIMETERS UNLESS OTHERWISE NOTED.

2. FOR WRINGING TAPE DETAILS REFER TO PREAMBLE IN BoQ.

3. PIPE ENCASMENT USED FOR EMBEDDING MATERIALS, REFER TO THE SEE DETAILS.

4. FINISHED ASPHALT LEVEL ON THE ROAD WITH STEEL 6MM@ 20CM.

5. BASE COURSE COMPACTED 95%.

6. TWO LAYERS (EACH 6 CM DEPTH) B300 DEPENDING ON THE ROAD.

7. PLASTIC CLAY SHEET EMBEDDING PIPE.

8. POLYETHYLENE SHEET (250 MICTON).

9. VARIABLE SINGLE SIZE AGGREGATE (FOLEYYEH).

10. FOR BACKFILL MATERIALS ABOVE THE FINISHED ASPHALT LEVEL, REFER TO THE SEE DETAILS.

11. REINFORCED CONCRETE SHALL HAVE COMPRESSIVE STRENGTH OF B-300 (G-420) FY=420MPA.

12. LIGHT CONCRETE SHALL HAVE COMPRESSIVE STRENGTH FAI = 20MPa.

13. PLAIN CONCRETE SHALL HAVE COMPRESSIVE STRENGTH FAI = 25MPA.

14. NATURAL GROUND NG:

15. NOMINAL DIAMETER OF PIPES ND:

16. WALL THICKNESS T:

17. DRAFT DETAIL DESIGN 07-10-2021

18. DRAWN 24.08.2021

19. CHECKED

20. APPROVED
NOTES

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE INDICATED.

2. REINFORCEMENT STEEL USED IS HIGH TENSILE HAVING STRENGTH (G-420) FY=420MPA.

3. PROVIDE BAR SUPPORTS IN ACCORDANCE WITH ACI315 DETAILING MANUAL OR AS OTHERWISE APPROVED BY THE ENGINEER.

4. EXTRA REINFORCEMENT AT PIPE OPENINGS FOR OPENINGS EQUAL TO OR MORE THAN 150mm SHALL BE AS INDICATED ON THIS DRAWING. AT OPENINGS OF A MAXIMUM DIMENSIONLESS THAN 150mm, THE REINFORCEMENT SHALL NOT BE CUT AND SHALL BE FANNED ON EITHER SIDE OF THE OPENING. THE MAXIMUM PERMISSIBLE PIPE OPENING IS 300mm.

5. THE STEP RUNG SHALL BE WROUGHT CARBON STEEL OR GALVANIZED STEEL FULLY ENCAPSULATED WITH PE-PP COATING, 400MM WIDE, 25MM MINIMUM DIAMETER AS PER EN 13101.

6. THE PRESSURE RATING FOR ALL VALVES AND FITTINGS SHALL BE NOT LESS THAN 10 Bars.