

QUERRY SHEET FOR PRE-BID OF CPWS-SRP-LOT 18

S.No.	Ref.Documents	BOQItem Ref. No.	Query	Answer
1	BOQ	2.14.2	Electrical power distribution wiring (inclusive cable tray and accessories) for intake and filtration location. Please provide drawing for Cables, Cable Trays and Accessories.	The layout drawing of both locations provide the locations of the power/control panels as well as the locations of the components that needs to be supplied. The bidder is free on how to route the cable tray and it would in its best interest to keep the runs a short as possible but to maintain the operational functionality of the rooms where the cable trays are installed
2	BOQ	3.3.4	Trenching, Compacting, Backfilling. Please clarify the material (existing soil, soil from outside or river sand) for backfilling for trenching, compacting, backfilling. 1.Material backfill for RAW water pipe. BOQ 3.3.4 2.Materil backfill for Water supply pipe. BOQ 5.3.31	Backfill of trenches is detailed described in the general specifications section 4.1.6.2 as well clearly indicated in the typical drawings: (SRP-CPWS-C-TYP-D-0001-0002)
3	BOQ	3.3.5	Warning tape 8cm Please provide more detail for warning tape 8cm.(Example: Font, Text, Language Khmer or English or Both, how many layers?)	Warning tape shall be yellow with "caution buried pipe" written on it and laid in one layer
4	BOQ	3.6.1	Marker Post every 200m. Please provide detail drawing for Marker Post.	Marker Post details are provided in drawing: (SRP-CPWS-C-TYP-D-0014)
5	BOQ	4.10.16	Soaking system. Please provide detailed drawings and specifications for Soaking system.	Soaking system is set out in detail in the latrine drawing: (SRP-CPWS-C-LAT-D-0001-0002)
6	BOQ	5.5.3	Flushing assembly for Washout-WV-01 (protection pipe, surface box, extension pipes, cap, accessory and installation) Please provide the drawing and Specification.	Details are provided in drawing: (SRP-CPWS-C-TYP-D-0010-0012)
7	BOQ	6.11	DBST Access Road (Sub-base 250mm thk., Base course 200mm thk., Bituminous Prime Coat, Bituminous Seal Coat, Sealing Aggregate 19mm, Complete works, Bituminous Seal Coat, Sealing Aggregate 12mm & Complete works) Please provide detailed drawings for length and width of DBST Road at Water Treatment Plant?	There are 2 access DBST roads by length of 19m and width of 6m.
8	BOQ	6.11a	Supply and fixing of Fence for WTP. Please provide detailed drawings and specifications for Fence at WTP.	Fence details are provided in drawing: (SRP-CPWS-C-TYP-D-0013)
9	BOQ	6.12.9 to 6.12.11	Please provide detailed drawing and specifications for pH controller, HCL (hydrogen chloride) controller, Pump Room Ventilation Axial Flow Fans + Intake duct bends.	HCL is a typo and its Calcium Hypocrite that is used as disinfectant so the controller is a CL2 controller. Both pH and CL2 controllers have to be suitable for potable water treatment systems and have a 4-20 mA output as indicated in the schematic panel drawing.
10	BOQ	6.13.2 to 6.13.9	Please provide detailed drawing and specification for Emergency Shower + Eye Wash Station	Emergency shower and eyewash station is a standard packaged product available in the market (its not assumed that the Contractor is manufacturing this unit to the nut and bolt level (although he is free to do)
11	BOQ	6.14.10	Supplying NaOH (sodium hydroxide) Please provide Concentration solution % of NaOH.	25%
12	BOQ	6.14.13	Filter underdrain Leopold type inclusive of installation. Please provide detailed drawings and specifications for Filter underdrain Leopold type.	Leopold under-drain is a technology name from a specific brand but similar under-drains are available. A detailed drawing can only be made when a specific brand is selected as the technology of drains remains the same the difference between manufacturers or set ups makes it noninterchangeable. The Contractor is advised to consult the manufacturer to create a detailed shop drawing based on the dimensions of the project with the supplied materials specifics
13	BOQ	6.15.4 6.15.5	Electrical Works for Electrical Connection+ Installation: Please clarify for the transformer scope, this will supply by client or Contractor? There are 2 location: 1.Pole transformer + accessories (100 kVA) including transformer? 2.Pole transformer + accessories (50 kVA) including transformer?	Transformer is supplied by the Contractor although it is subject to acceptance/approval of the local electricity supplier. Yes, there are 2 locations
14	BOQ	6.15.7	Pole panel: Please provide more detail for Pole panel for both locations 1.Water Intake 2.Water Treatment Plant	Detailed panel drawing is provided in the MEP drawing section Intake: (SRP-CPWS-C-SCH-D-0011) WTP: (SRP-CPWS-C-SCH-D-0021)
15	BOQ	6.15.9	Office and laboratory DB panels: Please provide detailed drawings and specifications for Office and laboratory DB panels.	Detailed panel drawings are provided in the MEP drawing section. office and laboratory DB panel WTP: (SRP-CPWS-C-SCH-D-0022)
16	BOQ	6.15.12	Lightning protection system EST, galvanized pole, 70 mm2 copper down conductor) Please clarify for lightning protection range for both location. 1.Water Intake 2.Water Treatment Plant	Yes, There are 2 locations at Intake and WTP with level 3 protection (45 meters sphere radius).
17	BOQ	6.17	Spare Parts for WTP. Please provide detailed specifications for spare parts.	Manufacturer recommendation on wear and emergency parts (fuses) (for a 2 years operation). Plants affected (pumps, dosing equipment, electrical panel components)
18	BOQ	6.19.1	Software for billing. Please provide detailed specifications of software.	There are some local service providers avialable on the billing system. They sell the software as well as provide training on their products.