

<b>Sr. No.</b>	<b>Bidder Queries</b>	<b>PMU Clarification</b>
2.1.	<p>In reference to Pre-Bid Meeting dated May 28, 2020, we have requested that softcopy of the Bill of Quantities (BOQs) to be provided to the bidders for all the 4 Lots. During the meeting it was agreed by your representative that BOQ's will be shared in soft form.</p> <p>Kindly provide the BOQ's in Excel format. (Reference: General Query)</p>	<p>During the Pre-Bid Meeting it was asked by the Bidders that can they use the exact forms of the BOQ for submission of the Priced Bid? It was therefore, communicated during the meeting that the Bidders can use our exact format in soft form however this soft copy has to be developed by the Bidders themselves which can be easily done by scanning the BOQ forms in PDF format and then converting then in MS Excel format.</p> <p>However, the Priced Bid to be submitted by the Bidders which includes the Priced Bill of Quantities must be submitted in MS Excel format as already elaborated vide Sr. No. 2 of the First Response to the Queries of the Bidders.</p> <p>It is clearly mentioned in the Invitation for Bids that, "Bidders may download the Bidding Documents without the detailed Bill of Quantities and drawings for inspection purposes via the website". Thus, providing the BOQs in Excel format was never intended. The misunderstanding thereof is regretted.</p>
2.2.	<p>Rehabilitation/retrofitting*2 of pump impellers*3 and maintenance of pump and motor to improve efficiency of the system (Discharge 1.5 cusec, Head 130 ft., 40HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps. [Reference: Tender Document- Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#1]</p>	<p>Requisite pictures of existing pump and motors are provided in <b>Appendix - C</b> (<a href="https://drive.google.com/file/d/1hd5D_wqYAxM0flvQcS-uSdNS4ukycB/view?usp=drive_web">https://drive.google.com/file/d/1hd5D_wqYAxM0flvQcS-uSdNS4ukycB/view?usp=drive_web</a>) whereas regarding the pump setting depth, the information is neither printed/ mentioned on the tubewell plate nor the information is available with MC as the tubewells were installed by PHED and handed over to MC without provision of design data. Therefore, actual pump setting depth will be known after dismantling the pump for rehabilitation purpose. However, the only available information regarding pumping machinery from PHED an unofficial source was obtained from an Estimate of tube well (Discharge 1.0 cusec Head 175 ft., 30HP motor) during the field investigations is as under,</p> <p><b><u>Head loss</u></b></p> <p>- Spring level = 65.00 Feet</p>

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		<ul style="list-style-type: none"> <li>- Terminal Head = 60.00 Feet</li> <li>- Frictional Losses =15.00 Feet</li> <li>- Loss in Specials = 10.00 Feet</li> <li>- Draw Down = 15.00 Feet</li> </ul> <p>Total = 165.00 Feet Say = 175.00 Feet</p> <p>Furthermore, unofficial sources informed that, in order to achieve the various heads; pumping machinery with 65 Feet column assembly for various discharges was initially lowered when water level was around 40 feet. With the passage of time due to depletion of water levels additional column pipes has been added. Hence at present it is very difficult to find exact pump setting depth of individual wells. The assumed pump setting depths as per unofficial source is given below; may be used just for reference purpose subject to the verification through dismantling of each pump to be rehabilitate/retrofitting,</p> <p><b><u>Pump setting depth</u></b></p> <p><b>(Discharge 2.0 cusec, Head 160 ft., 60 HP motor)</b></p> <ul style="list-style-type: none"> <li>- Actual = 65 Feet</li> <li>- Present = 90 Feet</li> </ul> <p><b>(Discharge 1.5 cusec, Head 130 ft., 40HP motor)</b></p> <ul style="list-style-type: none"> <li>- Actual = 65 Feet</li> <li>- Present = 90 Feet</li> </ul> <p><b>(Discharge 1.0 cusec, Head 175 ft., 30 HP motor).</b></p> <ul style="list-style-type: none"> <li>- Actual = 65 Feet</li> <li>- Present = 85 Feet</li> </ul> <p><b>(Discharge 1.0 cusec, Head 160ft., 40HP motor)</b></p> <ul style="list-style-type: none"> <li>- Actual = 65 Feet</li> <li>- Present = 80 Feet</li> </ul> <p><b>(Discharge 0.5 cusec, Head 160ft., 25HP motor).</b></p>

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		<ul style="list-style-type: none"> <li>- Actual = Not Known</li> <li>- Present = 65 to 75 Feet</li> </ul>
2.3.	<p>Rehabilitation/retrofitting*2 of pump impellers*3 and maintenance of Pump + motor to improve efficiency of the system (Discharge 1.0 cusec, Head 175 ft., 30 HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p> <p><i>[Reference: Tender Document- Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#2]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.4.	<p>Rehabilitation/retrofitting of pump impellers*2 and maintenance of pump to improve efficiency of the system (Discharge 1.0 cusec, Head 160ft., 40HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p> <p><i>[Reference: Tender Document- Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#3]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.5.	<p>Rehabilitation/retrofitting*2 of pump impellers*3 and maintenance of pump to improve efficiency of the system (Discharge 1.0 cusec, Head 150ft., 30HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p>	Refer to Answer of Query at Sr. No. 2.2

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	<i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#4]</i>	
2.6.	<p>Rehabilitation/retrofitting*2 of pump impellers*3 and maintenance of pump to improve efficiency of the system (Discharge 0.5 cusec, Head160ft., 25HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p> <p><i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#5]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.7.	<p>Rehabilitation/retrofitting*2 of pump impellers*3 and maintenance of pump + motor to improve efficiency of the system (Discharge 2.0 cusec, Head 160 ft., 60 HP motor). The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after installation.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p> <p><i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#6]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.8.	<p>Replacement of pump of capacity 1 cusec, 175ft head and motor*2 of 40 HP, IP 55, Class F on 3 Phase, 420 V electric supply.</p> <p>Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.</p> <p><i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#7]</i></p>	Refer to Answer of Query at Sr. No. 2.2

<b>Sr. No.</b>	<b>Bidder Queries</b>	<b>PMU Clarification</b>
2.9.	<p>Replacement of pump of capacity 1.5 cusec, 175ft head and motor*2 of 50 HP, IP 55, Class F on 3 Phase, 420 V electric supply            Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.  <i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#8]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.10.	<p>Replacement of pump of capacity 0.5 cusec, 175ft head with suitable motor*2 IP 55, Class F on 3 Phase. 420 V electric supply            Kindly provide existing pump &amp; motor nameplate picture along with setting depth/ no. column pipes of installed pumps.  <i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#9]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.11.	<p>Complete overhauling/rehabilitation*2 of pumps and motor installation of new bearings*3. The pump unit, after rehabilitation, shall achieve efficiency of min. 60% and tested at test bed as well as at Site after Installation.            Kindly provide existing pump &amp; motor nameplate picture along with duty points, motor rating and setting depth/ no. column pipes of installed pump.  <i>[Reference: Tender Document· Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr#21]</i></p>	Refer to Answer of Query at Sr. No. 2.2
2.12.	<p>3 Nos. 1 core 2.5 mm<sup>2</sup> (Red+Black+Green) cu. PVC 450/750 Volt grade copper cable including connections at ends. The cables shall be drawn from junction box to the light fitting through hollow of the pole (for street light pole). (Imported copper shall be used.</p>	<p>37 Rft. - 3Nos. 1 core 2.5 mm<sup>2</sup> (Red+Black+Green) cu./PVC 450/750 Volt grade copper cable is required for each pole. The Unit is taken as Numbers; however, the cable length and cost shall be as per height of the pole and already included in the estimate.</p>

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	<p>Verified documentary evidence for source of copper &amp; PVC shall be furnished prior to manufacturing) Qty = 12 Nos. For cables please mentioned actual required qty in metres or feet instead in Nos? <i>[Reference: Tender Document - BILL NO. 1.5: A) Overhead Water Tank (Capacity 100,000 Gallons) (3 Nos) Sr# 8.4(c)</i> <i>Tender Document •BILL NO. 1.5:B) OVERHEAD WATER TANK (Capacity 150,000 Gallons) (1No) Sr# 8.4(c)]</i></p>	
2.13.	<p>Kindly note cable size i.e. 4 core 100 mm<sup>2</sup> mentioned is not standard size. Bidders can either quote 4 core 95mm<sup>2</sup> or 4 core 120mm<sup>2</sup>. Please confirm. <i>[Reference: Tender Document - BILL NO: 1.11 REHABILITATION OF WATER FILTRATION PLANTS Sr#1.2(b)]</i></p>	<p>The Size of the Cable is 4 core 10 mm<sup>2</sup> it's a typographical error</p>
2.14.	<p>MCU-010-500 Volts AC Analog Voltmeter &amp; Ammeter, ON OFF TRIP LED indication lights, MCU refixing and terminations all other accessories required for completion of the quality works including Cable gland and lugs etc. Please confirm MCU rating &amp; type i.e. ASD, DOL etc? <i>[Reference: Tender Document• Bill NO. 1.10: REHABILITATION OF TUBE WELL AND PUMP HOUSE (45 Nos) Sr.# 5.0-C]</i></p>	<p>As per site condition, only those equipment / items shall be replaced as mentioned in the BoQ including all allied accessories.  MCU is not part of BoQ at this line item.</p>
2.15.	<p>Provision of Direct payment to specialist Sub contractors. Since agreement between main contractor and specialist sub-contractor is a part of bid, hence would direct payment to specialist sub-contractor be made against his scope? <i>[Reference: General Comment]</i></p>	<p>Sub-Clause 5.1 of the GCC attached as Section-7 of the Bidding Documents defines the “Nominated Sub-Contractors” as a Subcontractor: (a) who is stated in the Contract as being a nominated Subcontractor, or (b) whom the Engineer, under Clause 13 [Variations and Adjustments], instructs the Contractor to employ as a Subcontractor subject to Sub-Clause 5.2 [Objection to Notification].</p>

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		Whereas the specialist Sub-Contractor referred under Sub-Section 2.4.2 of the Section-3 of the Bidding Documents does not fall under the above definition of “Nominated Sub-Contractors” and no payment shall be made to the specialist sub-contractor directly. The Contractor shall be fully responsible to settle all payments to the Specialist Sub-Contractor.

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