

**Clarification Set Three(3)** to the queries received after the **2<sup>nd</sup> set of Clarification sent on 31/08/20** on Construction of Modjo dry port expansion and upgrading of hub facilities

ITEM	REQUESTS FROM THE BIDDERS	REFERENCE	EMPLOYER'S RESPONSES
1	What's the specific work content of Bill 3- 15300.01? Does it include wells and supporting facilities?	Bill 3-15300.01	The borehole is already drilled by the Dry Port. The well characteristic is submitted to the Bidders through Clarification Response #1, as additional reference. Please refer Attachment 2: Boreholes and water supply notes (160m and the output flow is 6 l/s). Well testing, Supply, install, test and commissioning of submersible pump with guard house are major work items included in this BoQ.
2	Bill No.3 DIVISION 2 – SITE WORKS of BoQ for waste water treatment system, there are 5 required ponds and drainage pipes, while there is no stipulation and drawings. Please, kindly clarify	Bill 3-Div.2	All the 5 ponds civil works are already constructed and only requires cleaning and continue with the contractor construction and installations of treatment system units and accessories of the constructed wet lands within the pond as narrated in the report and quantified in the BoQ
3	In Bill No.3 DIVISION 15-MECHANICAL/SANITARY of BoQ, the quantity for required installation of secondary borehole for water extraction is 1, while there is no borehole location on drawings and no stipulation for the source of water. Please, kindly clarify.	Bill 3-Div.15	Please see the above response described in item No.1 here above.
4	In Bill No.3 DIVISION 13 – FIRE SUPPRESSION of BoQ, the required size of fire pump house is 11m x 8m x 4m; capacity of fire water storage tank is 1000m <sup>3</sup> . Please, kindly clarify. In DIVISION 15 – MECHANICAL/SANITARY of BoQ, capacity of ground water reservoir is 300m <sup>3</sup> . While in Architectural drawings, the size of fire pump house is 165m <sup>2</sup> , capacity of fire storage tank is 2000m <sup>3</sup> , and in the water supply and sewerage drawing, the capacity of pump house is 200m <sup>3</sup> and there is a 36m high water tower and a 30m <sup>3</sup> water tank on the water tower, which is connected with the pump house. Please, kindly clarify.	Bill 3-Div.13	For domestic water supply purpose :a separate 200m <sup>3</sup> RC ground water reservoir with attached pump house is designed and 30m <sup>3</sup> RC water tank with 36m water tower is designed and attached in the drawing and specified in the BoQ. For further information please refer item 28 of clarification response #1 sent to all Bidders.  For Fire water: 1000m <sup>3</sup> reservoir will be used and the CAD Drawing No.FP -36 is attached during the clarification response #1. Please refer item 27 of clarification response #1.
5	In DIVISION 15 – MECHANICAL/SANITARY of BoQ, the pipes for the sewage disposal system shall be PEHD DN63 PN 16(1.6MPa), while in item 3.3	Bill 3-Div.15	Yes. Generally as stated in the Technical specification DIVISION 15 the PEHD pressure pipes for sewage is PN-10 nominal for 65-100 mm but for the specific pipes stated in the sewerage use PN-16 pipes as

	INSTALLATION OF PRESSURE PIPES TECHNICAL SPECIFICATIONS of BoQ, it Shall be 1MPa. Please, kindly clarify		stated in the BoQ
6	There is no general layout for waste water treatment in the technical specifications or drawings. Please, kindly provide a system drawing for waste water treatment system.		Please refer item 32 of Employer's clarification response #1.
7	<p>1. In BoQ 15300.01, it requires to "installation of secondary borehole for water extraction, supply, installation and testing". Please, clarify whether the Bidder should install pump and accessories for the water source? Or this secondary borehole is an artisan well, which does not need a pump?</p> <p>2. If installation of pump is required, please kindly provide borehole completion report, so that the Bidder can decide the specification of the submersible pump and accessories</p> <p>Please, kindly clarify the distance of this secondary borehole to the Pump House.</p>	Bill 3-15300.01	Please refer Employer's response item No.1 here above. The Pump House will be about 100m far from the Bore hole.
8	In BoQ 15150.01, it requires" Rehabilitation of existing sewage network, including cleaning of channels and pipes, waste disposal". This requirement is not specific; please kindly clarify with exact work load.	BoQ 15150.01	It is a preparatory works and it is in lump sum basis. Therefore, Bidders are advised to refer drawings and site visit through video for estimation of the work load.
9	<p>1. In BoQ 15150.12 through 15150.15, there is an "Inspection chamber ", however, there is no related technical specification or drawings. So, please kindly clarify:</p> <p>a). The dimension of the inspection chamber, like length, width, height</p> <p>b). How should the Bidder understand and use the information of "DN 1000"?</p> <p>c). The quantity for inspection chamber for BoQ item 15150.012 is 105. Please, confirm whether this figure is correct.</p> <p>d). Whether there is electromechanical equipment/devices to be installed in inspection chambers?</p>	BoQ – 15150.12 -15	<p>For 9.1.a) and b) see the MANHOLE detail drawing provided for waste water as SN-EX-WW-DET-01/01.</p> <p>For 9.1.c) &amp; d). yes</p> <p>For 9.2; sewage submersible pump, use the following pump specification:</p> <ul style="list-style-type: none"> <li>• discharge ~5 to 150 l/s</li> <li>• head ~5m to 20m</li> </ul>

	2. In BoQ 15150.17, there is sewage pump, please kindly provide the technical data for sewage pump.		
10	There is no schematic drawing of firefighting pumping house and no outdoor firefighting water schematic drawing. Please clarify.		Fire pipe interconnection with fire pump is shown in the pump house floor plan. External fire pipe layout is shown clearly on site fire protection layout which shows piping, hydrants etc.
11	<p>Pursuant to the Section 01500-Temporary Facilities and Controls of TECHNICAL SPECIFICATIONS, Clause 2.2. C-19: The Contractor shall continue to maintain those offices, including their contents, access roads and hard standings thereto until the end of the Defects Liability Period or such time as they are no longer required by the Engineer in connection with Works, 0-12: The Contractor shall provide, install and maintain until the end of the Defects Liability Period or such time as they are no longer required by the Engineer in connection with the Works (whichever is the earlier), all the furnishings, fittings, equipment and consumables for the laboratory. And further to Sub-Clause F.</p> <p>The Time for Completion and Defects Notification Period of this contract are 3 years in total, However, in Clause 0 1500.4 (b) of BQO Division 1-General Requirement, maintenance and Services for Surveying Equipment is only 21 months. Please kindly clarify.</p>	Bill 1-01500	It is evident that the facilities are assumed to be used intensively during the construction period and the same has been stated in the BoQ. However, the Contractor has a responsibility to provide the required facility as per the specification and the contractor is required to consider his responsibility while quoting his price for providing the facilities.
12	Pursuant to Sub-Clause 14.8 of Particular Conditions Part A - Contract Data, "it stipulates that for payments in local currency - the National Bank of Ethiopia lending rate". Please kindly clarify whether the lending rate is 3% of loans of the National Bank of Ethiopia to financial institutions or the average commercial lending rate published by the National Bank of Ethiopia.	PC-Part A	<p>The information provided in the referred PC and GC 14.8 is adequate for the preparation of the proposals.</p> <p>Bidders are advised to prepare their proposal based on the provided information in the referred PCC- Part A. For more information, Bidders can request the National Bank of Ethiopia.</p>
13	Pursuant to the Clause 2.5 of General Condition, "The Employer shall have made available to the Contractor for information, before the Base Date, all relevant data in the	GC 2.5	<ol style="list-style-type: none"> <li>1. Geotechnical Report is attached in clarification response #1</li> <li>2. Part of the detail engineering report is attached as “ <i>Annex A- Natural Site Conditions</i> ”</li> </ol>

	Employer's possession on the topography of the Site and on sub-surface, hydrological, climatic and environmental conditions at the Site. The Employer shall promptly make available to the Contractor all such data which comes into the Employer's possession after the Base Date. The original survey control points, lines and levels of reference (the "items of reference" in these Conditions) shall be specified on the Drawings and/or in the Specification or issued to the Contractor by a Notice from the Engineer." But the above information is not included in the current Bidding Document. Please kindly provide the relevant information.		<p>3. Social and Environmental report is attached as "<i>Annex B – ESIA Report</i>"</p> <p>4. Survey data, controls, OGL &amp; Design levels, and top map are attached herewith.</p> <p>Therefore, Bidders can get such reports in the following Employers website for further clarification of the Bid; <a href="https://etmaritime.com">https://etmaritime.com</a></p>
14	Pursuant to the Clause 13.7 of General Condition, "The amounts payable to the Contractor shall be adjusted for rises or falls in the cost of labor, Goods and other inputs to the Works, by the addition or deduction of the amounts calculated in accordance with the Schedule(s) of cost indexation". However, there is no stipulation for the principles and mechanisms for selecting replacement indexes in the event that the original supplier ceases to exist or the original index ceases to be the publisher, please kindly clarify.	GC 13.7	In line with the provisions of the Schedules of Adjustment Data of Section IV [Appendix to Bid], the sources of reference indices for price adjustment shall be from recognized relevant national/international organizations which is easily accessible and acceptable to the Employer and approved by the Engineer. Indices shall be appropriate for their purpose and shall relate to the Contractor's proposed source of supply of inputs on the basis of which his Contract Price has been computed. In view of this, changes of indices will not be expected; and if such change is required in due course of the execution of the works same will be treated in line with the provisions of the Contract.
15	Pursuant to the Sub-Clause 1.1.74 of General Condition ""Site" means the places where the Permanent Works are to be executed and to which Plant and Materials are to be delivered, and any other places specified in the Contract as forming part of the Site", the definition of "any other place" in this project is unclear and whether it includes the borrow pits, quarry site, disposal area, stockpiling area. Please kindly clarify the definition of "any other place" and whether employer is responsible for the land acquisition and its cost.	GC 1.1.74	The Employer will avail free of charge borrow pits, quarry site, disposal area, and stockpiling area reasonably required for the work, however, the contractor is required to identify and request for possession of site required for the work. Borrow pits, quarry site, disposal area, and stockpiling area are considered as part of the site.
16	Pursuant to the Sub-Clause 14.7 of Particular Condition "or, at a time when the Bank's loan or credit (from which part of the payments to the Contractor is being made) is	PC -14.7	Employer notifies the Contractor.

	suspended the undisputed amount shown in the Final Statement within 56 days after the date of notification of the suspension in accordance with Sub-Clause 16.2" and Sub-Clause 16.1 of Particular Condition "Notwithstanding the above, if the Bank has suspended disbursements under the loan or credit from which payments to the Contractor are being made, in whole or in part, for the execution of the Works, and no alternative funds are available as provided for in Sub- Clause 2.4 [Employer's Financial Arrangements], the Contractor may by notice suspend work or reduce the rate of work at any time, but not less than 7 days after the Borrower having received the suspension notification from the Bank.". Accordingly, the work suspension date is referred to the employer's disbursements suspension date. Therefore, please kindly clarify when the bank notifies disbursements suspension to employer, whether it will notify the contractor simultaneously, or it will notify employer first and then Employer notifies the contractor.		
17	Due to the outbreak of COVID-19, our company kindly requests your esteemed office to extend the deadline for bid submission for one month.		The bid Submission date is extended. Bidders are kindly requested to refer Addendum No. 1 for the same.
18	Regarding the first chapter of the Bills of Quantities please confirm whether we shall consider the Accommodations and Furniture for the Engineers. Please provide the corresponding Bills of Quantities and house area if the items mentioned above are necessary.	Bill 1-01500	The housing accommodation is not part of the Contractor's responsibility that is why it is not specified or shown on the BoQ. But for office facilities, please refer SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS, and Drawings for such provision.
19	Regarding the first chapter of the Bills or Quantities, please confirm whether we shall consider the canteen and food expenses for the Engineers. Please provide the supplementary list separately or address us where we should put the expenses in the quotation if the items mentioned above are necessary.	Bill 1-01500	It is not envisaged as part of the Contractor's responsibility.
20	Regarding the item 01500.5 of first chapter of the Bills of Quantities, Vehicles For The Engineer Use, please kindly provide the specified requirements such as the brand or	Bill 1-01500.5	The Contractor is required to provide vehicles which fulfill the specification stipulated therein. It is better to provide Toyoya Brand or equivalent brands of 2020 Model.

	model etc. for the type A and Type B Vehicles.		
21	According to all the existing information, the site works includes demolishing the existing structural building, cutting trees and ground leveling etc. Please provide the report of the site landform and Rock, soil and the specified parameter information of the Demolition.		Please refer Employer's response in item No. 13 here above.
22	Regarding the second chapter of the Bills of Quantities-Site work, please kindly confirm whether the Employer shall provide Spoil Ground. As well as the distance between the spoil ground and the site. Additional spoil fee or spoil ground.		Please refer Employer's response in item No. 15 here above.
23	Regarding the second chapter of the Bills of Quantities - Site work item 2240.03 excavation for minor drainage work. Please confirm whether this item refer to earth excavation of outdoor drainage pipe.	Bill 2-2240.03	Yes
24	Regarding the second chapter of the Bill. of Quantities-Site work item 2140.04 (b) Fill using imported sub base material, please kindly specify the material of the backfill material. If earthwork backfilling shall be used, please clarify whether Employer provide the borrow ground, and the cost of the earthwork.	Bill 2-2140.04	Backfill material for any structure is required to qualify the sub base requirement, it shall be obtained from excavation or designated borrow site or crushed.
25	According to the sixth chapter of Bills or Quantities, WARE HOUSES, there are only six Warehouses (2.2 one, 2.5 four and 4.1 one) in the BOQ. However, there are nine warehouses (2.2 four, 2.5 four, 4.1 two) in the master plan. Please kindly clarify the exact quantity.	Bill 6	The total numbers of warehouses in this bid package are 6, as clearly indicated in the BoQ. But other warehouse available in the master plan is only for information, which is to be built later on with another bidding process.
26	Pursuant to the Drawings, there is a canteen marked in the master plan. Please kindly clarify whether the price of canteen should be listed alone or listed in other part, and which part it should be listed?		Canteen is in not part of this Bid. Please Bidders are highly advised to focus on the BoQ regarding in the preparation of their financial proposal. The master plan is provided to Bidders to have a full image (information) of the compound (work site). Part of the facilities are to be built later on, parts of the facilities are existing and operational and parts of the facilities are included in this Bidding Procedure as out lined in the BoQs.
27	Please kindly clarify the water and electricity used for construction of this project can be directly connected with the municipal supply net or not? If not please kindly clarify whether considering wells drilling and using generator for construction	Bill 1-01500	For construction all the required water and electricity is the responsibility of the Contract, the contractor is required to take in to account all his responsibility while quoting his price.

	works, as well as what's the price of wells drilling.												
28	Pursuant to the item 09651.03 of BOQ, there are description of feature and unit of measurement without quantities (n 01 limited one item). Please kindly clarify whether this kind of item need the quotation.				Bill 6-09651.03	The item needs quotation. Please use the following quantity under Bill No 6; warehouses, for both types (type 2.2 and type 2.5):							
	09651.03	VINYL BASE for Epoxy flooring to be selected by Architects	ml	?			<table border="1"> <thead> <tr> <th>Item</th> <th>Description</th> <th>Unit</th> <th>Qty</th> </tr> </thead> <tbody> <tr> <td>096516.03</td> <td>VINYL BASE for Epoxy flooring to be selected by Architects</td> <td>ml</td> <td>100</td> </tr> </tbody> </table>	Item	Description	Unit	Qty	096516.03	VINYL BASE for Epoxy flooring to be selected by Architects
Item	Description	Unit	Qty										
096516.03	VINYL BASE for Epoxy flooring to be selected by Architects	ml	100										
29	Pursuant to existing road and pavement drawings, most of the practice of sub base contains 900mm thick Capping Layer .Please kindly clarify whether this 900mm thick Capping Layer is gravel , ubbed mentioned in the BOQ.					Take as mentioned in the BoQ.							
30	Pursuant to the item 2660.10 of 3-Division 2 -Site Work, drainage pipes are plastic. Please kindly clarify whether there are any specified material requirements for the drainage pipe.				Bill 3- Div.2 2660.10	Please maintain the BoQ							
31	Pursuant to the item 2660. 16 of 3·Division 2 -Site Work, please kindly clarify whether this item of unit is ton.				Bill 3- Div.2 2660.16	Yes, the unit is <b>Ton</b> .							
32	Pursuant to the item 2660.02 of BOQ. Please kindly clarify whether this unit of measurement is wrong.				Bill 3- Div.2 2660.12	Yes, the unit of measurement is wrong. Please note that the unit of measurement is <b>Ton</b> . But the item number is 2660.12 not 2660.02							
	2660.12	Supply and installation of sand as filter material in the whole bassin and on the drainage gravel. Size: 2-8 mm. Washed material only. Conformity of sand corns: U = 3. The installation has to be done manually to avoid compacting of the filter material. Sieving report has to be presented before installation. Including all required materials for execution. Heights, m: 0,8; Surface, m²: 534; Cubage, m³: 427,2; 1,6 t/m³	m³	685									
33	Bill 3- Water, Fire & Sewage- Site Work, should the units of 2660.11 and 2660.12 be "m3" and "kg"?				Bill 3- Div.2 2660.11&12	Refer Employer’s response in item 32 here above. The unit is corrected as <b>Ton</b> .							

34	Pursuant to the item 15300.02 or 3-Division 15-Mechanical. Please kindly clarify whether it's composed of two parts "reservoir and pump house" in the existing drawing "AR Reservoir and Pump house". Please kindly clarify that the reservoir is above ground with a volume of 1,500m <sup>3</sup> . Please kindly provide the drawing of item 15300.03 300m <sup>3</sup> ground wafer reservoir.					Yes, it has two parts: reservoir and pump house as indicated in the drawing. "Ground water reservoir, 300m <sup>3</sup> is amended with 200M <sup>3</sup> . Bidders are strongly advised to refer <b>item 28 of clarification response #1</b> for detail clarification of 15300.01, 15300.02 and 15300.03.
	15300.01	Installation of secondary borehole for water extraction, Supply, installation and testing	No	1		
	15300.02	Pumping station (groundwater - water reservoir) Supply, installation and testing	No	1		
	15300.03	Ground water resoir, 300m <sup>3</sup> Supply, installation and testing	No	1		
35	Pursuant to the item 2660.13 of 3-Division 2 -Site Work, supply (.mcimswllllliotl of a pressure pipe! mentioned two different diameters (PE, diam. 63 mm and 50 mm) Please kindly clarify which diameter of pressure pipe is correct.				Bill 3- Div.2 2660.13	Please take PE, diam. 63mm
36	Pursuant to the item 3900.1 of 3-Division 13- Fire Suppression, Installation shall include (1// necessary accessories for complete installation and proper performance of the fire pumps two sets of three different pumps (Electric main pump, Jockey pump and Diesel fire Pumps. Please kindly clarify whether 6 pJITs are needed.				Bill 3- Div.13 3900.1	Yes.
37	We can't find the Soil investigation report or GIR in the technical package. Please Kindly Clarify.					The soil investigation report is provided to the Bidders via Bidders email address and uploaded on the specified website as part of clarification response #1(item 61). Please refer the website.
38	Pursuant to Sub-Clause 14.8 of Particular Conditions Part A - Contract Data, "it stipulates that for payments in local currency - the National Bank of Ethiopia lending rate". Please kindly clarify whether the lending rate is 3% of loans of the National Bank of Ethiopia to financial institutions or the average commercial lending rate published by the National Bank of Ethiopia.				PC-14.8	The information provided in the Bidding Document PCC 14.8 is enough at this stage. Bidders can communicate with the Bank if interested.
39	We just find the general notes of structural drawings of the ware house, whether the others drawing also have the general note.					Please maintain original drawings provided.



	Please kindly Clarify.		
40	Please kindly provide the environmental and social impact report as the basis or foundation of our ES-MSIP.		Please refer Employer's response in item No. 13 here above.
41	In Technical Specification: Division 13: 13700 SECURITY ACCESS AND SURVEILLANCE, Part3 hardware. For container inspection (PLATE READING IP CAMERA, CONTAINER 10 SCANNING CAMERA,CONTAINER SCANNER, DOCUMENT BAR CODE READER! SCANNERS DATA AND VOIP UNITS, etc are missing in BOQ), Please clarify if abovementioned system is complete?	Volume II Tech. Spec	Yes, this specification can be considered as part of the BoQ.
42	Within the BoQ_05_Division 16_Electrical Installation, we've found some units such as lm, ml and ls behind each item, it is uncertain to be aware of their definition, would you please explicit accordingly? Please also refer to the following snapshots for your information (snap shot not attached here for convenience)	BoQ_05 Division 16 Electrical Installation	Please Note the following definitions to the provided units of measurements: 1. lm and ml are interchangeably used and to mean linear meter. 2. ls is to mean Lump Sum
43	Responses to some items under Clarification Set Two(2): For a better understanding, hereto, item 11 and 22 under Clarification Set Two (2) issued on 31 August, 2020 are combined as one common query, i.e., we would like to know if the Employer will bear the costs of the Right of Way (such as land acquisition for borrow pit, spoil pit and quarries, etc.)? As per your feedback to the above-mentioned items, which is declared that it can be referred to the PCC of Bidding Document of this project herein above and FIDIC_2017_Red Book, nevertheless, would you please explicit what conditions can be referred to these two items?	Clarification Response #2	Please refer Employer's response in item No. 15 here above.
44	BoQ - Division1-General Requirement; 01500.02_Laboratory for the Engineer: Is it possible to provide the specific cover area or configuration in terms of the laboratory for the Engineer?	Bill 1- 01500.02	Please refer Volume II- Technical Specification; Division 01, 01500 Temporary Facilities and Controls.
45	Volume II-Technical Specification; Division 01; 01500 Temporary Facilities and Controls: Type A vehicles to be provided shall be Station Wagon, with latest model, LWB, 4WD, diesel engine, five-doors, backdoor lift-up, minimum 8 seats, and a minimum	Bill 1- 01500.01	Please maintain the original specification.

	capacity of 4461 cc. Is it acceptable for providing the High roof Van from the bidder?		
46	Volume III- Tender Drawing; C-Road and Pavement; 07-Road and Site works; 06 B-Typical Sections: With respect to the Typical Sections; Road and Pavement, it is preferable to furnish the details such as designation, topographic levels, location, etc. in order to facilitate the construction and proper calculation.	Volume III Drawings	Please refer Employer's response in item No. 13 here above.
47	Volume III- Tender Drawing; A- Architectural Drawing; AR Guard house and watch tower: Considering the proper engineering quantity calculation, it is suggested to provide the topographic map as well as supporting general design report.	Volume III Drawings	Please refer Employer's response in item No. 13 here above.
48	It is discovered that the Item No. 2660.02 occurred twice in this division, which is to be clarified from your good office. Also, please refer to the following screenshot for your information:	BoQ 3 Division2 Site Work	Yes. But, it will not alter your quotation. Please take as it is.
49	In our perspective, the supporting unit of item 2660.02 as shown in the following screenshot is not aligned with its description. To this end, it is necessary to be clarified accordingly from your good office.	BoQ_3 Division2 Site Work	The unit is Ton not kg.
50	Following the Bidders Clarification request and the Employer's response #1 at item No. 69, Contractor is required to purchase works insurance include Natural Catastrophes (such as earthquakes, tsunamis, volcanic activity, hurricane or typhoon, etc.). According to the provisions of the General Conditions of FIDIC ("Red Book" Second edition 2017) Article 18.1 Exceptional Events Sub Clause (t). The above mentioned catastrophes are fall under the category of "Exceptional Event". This type of risk has the following four characteristics: "Exceptional Event" means an event or circumstances which: (i). is beyond the parties control (ii). The party could not reasonably have provided against before entering into the contract.	Employer's response #1 Item No. 69	Bidders are advised to prepare their proposal as of the statements of the PC 19.2.1 and Employer's Response #1. If there is any further issues related to this, it shall be discussed during pre-contract award contract negotiation.

	<p>(iii). having arisen, such Party could not reasonably have avoided or overcome; and</p> <p>(iv). is not substantially attributable to the other Party;”</p> <p>According to our investigation, the above Exceptional Risks are difficult to insure and hard to protect the rights and interests of Employer and Contractor. Therefore, we hereby recommend the Bid Inviting Party to adopt the following requirements: (1) Delete Sub- Clause 19.2.1 (iv) from Section IX Particular Conditions of Bidding Documents; Or (2) Specify the insurance amount base and premium rate for the purchase of such natural catastrophes' insurance.</p>		
51	Following the Bidders Clarification request and the Employers response #1 at item No. 11, "Custom Duty for Construction items to be used for this specific project will be covered by Employer." This description is inconsistent with Section IV Bidding Forms: Bill of Quantities. Please kindly clarify whether the contractor should include duties on imported Items/Goods in the priced Bill of Quantities.	Employers response #item No. 11,	Custom Duty costs for items/goods related to the project are the Employer's cost. Therefore, Bidders are advised to prepare their proposal as of the statements in the BoQ and Employers response #item No. 11.
52	Bill No.05-ELECTRICAL POWER EQUIPMENT, Division 16 ELECTRICAL Installation, item No.16200.15b, 16440.07 b, 16440.16b and 16440.23b. Please clarify whether the "(3x185mm <sup>2</sup> ) PVC, 24KV copper power cable" should be 3(three)x(3x185mm <sup>2</sup> ) or 1(one)x(3x185mm <sup>2</sup> )?	Bill No.05 Division 16	<p>There is no item No. 16200.15b but items 16440.07b, 16440.16b and 16440.23b have been copy pasted wrongly. The double loop ring network has been specified in main substation as item number 16200.18a and b with estimated length of 5000m trench and 10000m cable length. This includes the MV cable from Main substation to T1, T2 and T3 and back to MS. So please disregard items 16440.07b, 16440.16b and 16440.23b which describe the individual cable and trench from MS to T1, T1 to T2, T2 to T3 which has already been considered in 16200.18a and b.</p> <p>On the other side, the cable sizes are correct and it is 3 runs of 3x185mm<sup>2</sup> considering the length of cable and voltage drop. But the PVC conduit mentioned is for each of the 3x185mm<sup>2</sup> cable and has to be 3runs of DN160PVC conduit.</p>
53	According to Bill No.05-ELECTRICAL POWER EQUIPMENT, Division 16 ELECTRICAL INSTALLATION, item No. 16200.19, 16440.17 and 16440.24. "Prepara	Bill No.05 Division 16	The comment is right. The contradiction is in item b, what has to be listed is the list of low voltage power cables (50Hz, 400V) for loads to be supplied from the individual substation similar to the description

<p>tion of cable trench, supply, install and terminate LV cable to different loads near the main substation". Above sentence described the cable trench as low-voltage cable trench. However, in subitem b it was described as "3x(3cx185mm<sup>2</sup>) PVC, 24KV copper power cable in DN 160 PVC conduit transport, laying, duct sealing and jointing using TEE shielded 24KV, 185mm<sup>2</sup> connector kits laid in side cable trench with proper termination to MV switch gear". By which means that the High-voltage cables are laid in the low-voltage cable trench. These descriptions are ambiguous and inconsistent. Please kindly clarify whether the cables of item No.16200.19b, 16440.17b and 16440.24b should be high-voltage cables or low-voltage cable?</p>		<p>given as in item 16123.06 and 16123.07. The list of loads and the cable sizes have been specified in the detail design document and drawings attached.</p>
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