

ANNEX "A"

Responses to Clarification Requests (Batch 4) General Bid Bulletin No. 12

**SOUTH COMMUTER RAILWAY PROJECT
FOR PACKAGES CP S-04, CP S-05, AND CP S-07
CONSTRUCTION OF CIVIL STRUCTURES: VIADUCTS, BRIDGES,
NINE (9) STATIONS AND DEPOT**

CP S04-07 Responses to Clarification Requests (Batch 4)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-07	1	Section 1 Instruction to Bidders (ITB)	-	19, Bid Security/Bid Securing Declaration	<p>19.3 If a bid security is specified pursuant to ITB 19.1, the bid security shall be, at the Bidder's option, in any of the following forms:</p> <p>(a) an unconditional bank guarantee, (b) an irrevocable letter of credit, (c) a cashier's or certified check, or (d) SWIFT message in the form of MT760.</p> <p>all from a reputable source from an eligible country as described in Section 5(Eligible Countries). In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section 4 (Bidding Forms) or another form acceptable to the Employer. The form must include the complete name of the Bidder. The bid security shall be valid for 28 days beyond the original validity period of the bid, or beyond any period of extension if requested under ITB 18.2.</p>	Please clarify whether the bid security shall be issued by a reputable bank which has a correspondent bank located within the Employer's country to make it enforceable.	<i>As stated in ITB 19.3, bid security shall be issued from a reputable source from an eligible country as described in Section 5 (Eligible Countries).</i>
S-07	2	Section 6 The Employer's Requirements (ERQ)	-	131.1, GS 131.1 Works in the Vicinity of Existing Operating Philippine National Railway	<p>Activities in the vicinity of any PNR line shall be carefully planned and applications for permission to carry out the activities shall be submitted to the PNR. The activities shall only be carried out after permission is obtained from the PNR and the Engineer.</p>	To get permit approval may be time taking/process(es) activity, therefore time limit should be specified. Kindly specify required duration in days?	<i>2-3 working days after receipt of favorable recommendation from the Engineer.</i>
S-05	1	Section 2 Bid Data Sheet (BDS)	BDS 4	19.1 / Bid Security	-	Shall the bidders furnish the Bid Security issued from the banks located in the Philippines or the reputable banks in bidders' country? Also, is it acceptable to furnish the Bid Security issued from the reputable banks in bidders' country that operate Branch Office in the Philippines?	<i>As stated in ITB 19.3, bid security shall be issued from a reputable source from an eligible country as described in Section 5 (Eligible Countries).</i>

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S-04	2	Section 6, IA-SOW	21	Appendix 4	Scope of work related with surplus material of existing structures	Please confirm that the demolition materials of existing structures are the goods of the contractor.	<i>Demolition materials are the goods of the Contractor, subject to the final approval of the Engineer during construction. Affected persons have an option to self-demolish and claim demolition materials prior to Commencement Date in accordance with the Resettlement Action Plan.</i>
S-04	2	Section 6, IA-SOW	21	Appendix 4	Scope of work related with the land of casting yard	Please confirm that all excavated materials are the goods of the contractor.	<i>Excavated materials are the goods of the Contractor, subject to the final approval of the Engineer during construction.</i>
S-04	1	Section 4 Bill of Quantities	126/130	Daywork Material	6. Materials not listed in the Daywork Schedule shall be reimbursed on the basis of demonstrated invoice cost.	We understand that additional 15% Profit&Overhead etc cost will be added separately over demonstrated invoice cost.	<i>The bidders understanding is correct.</i>
S-05	1	Section 4A Bidding Forms - Bill of Quantities (BoQ)	-	Bill No. 8 Schedule of Provisional Sum / Item No. PS-3	Unexpected Utility Relocation	According to Bill No. 8, Schedule of Provisional Sum in Section 4A of Volume 1, Provisional Sum of Unexpected Utility Relocation is indicated in Item No. PS-3. Please clarify whether all the relocation and protection of existing utilities which are affected during construction are included in the amount of provisional sum or not. If not, in which item of Bill of Quantities shall unexpected utility relocation works be included?	<i>The bidder is advised that the Provisional Sum in Volume 1 Section 4A for unexpected utility relocation is deemed to cover for all relocation and protection of encountered utilities during construction.</i>
S-05	1	Section 3 Evaluation and Qualification Criteria (EQC)	-	Clause 1.3 / Step 3 Evaluation and Comparison of Price Proposal	The determination of the evaluated price of the submitted Price Proposals shall be conducted in the following order: (1) Price, excluding Provisional Sum, provision for contingency and VAT in the Summary Bill of Quantities,	1) Please kindly clarify whether Total Bid Price shall include Provisional Sum and VAT or not. 2) If so, please clarify whether Provisional Sum and VAT shall be excluded for Evaluation of Price Proposal purpose only. 3) It is indicated in the reference text that "Price, excluding Provisional Sum, provision for contingency and VAT in the Summary Bill of Quantities, ...". Please explain in detail the meaning of "provision for contingency".	<i>1. Please refer to Summary of Total Bid Price in Section 4A of the Bidding Documents. 2. The amount of provisional sum and the percentage of the VAT are fixed. 3. This is a standard wording but there is no item for provision for contingency for this contract.</i>
ALL	1	Section 3 Evaluation and Qualification Criteria (EQC)		2		The 150m length standard is the entire bridge section applied with balanced cantilever or only the main span? And in the case of traveler formwork, is it limited to Cast in-situ method or is it also possible to precast method?	<i>1. The 150m length stated refers to the entire bridge length of the 3-span. 2. The Bidding Document only specified the requirement of using traveler formwork.</i>

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ALL	1	Section 3 Evaluation and Qualification Criteria (EQC)		2		Is the case of the steel box girder applying the incremental launching method limited to the steel box type? Are other types such as concrete box not applicable?	<i>Yes.</i>
S-04	2	Section 6 TS 200 Annex	201.1.1			There is no criteria for method of measurement regarding structure excavation. 1) Please provide specific criteria of payment for quantity of Excavation & Backfill. 2) Temporary work is contractor's scope. So the payment will be applied as per contractor's design?	<i>Please refer to GBB No. 11</i>
S-04	2	-		Detailed Design		Please provide CAD format files for all detailed design drawings which you supplied PDF files as followings; - Book 1 : Civil Detailed Designs - Book 2 : Architectural Detailed Designs	<i>Please refer to CAD Files issued under GBB No. 07</i>
S-04	1	Section 4A BOQ	Bill No.4- 1 BOQ 59 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)g - 706(1)l - 703(2)e - 703(3)b	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Section 4A BOQ	Bill No.4- 1 BOQ 61 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)g - 706(38)f - 706(38)e - 706(38)d - 706(38)c - 706(38)b - 706(38)a - 706(39)d - 706(39)c - 706(39)b - 706(39)a	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.4- 1 BOQ 61 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(1)f - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.4- 1 BOQ 63~64 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)c - 703(4)d - 703(4)e - 703(4)g - 703(4)h - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.4- 2 BOQ-86 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(2)c	<i>Please refer to GBB No. 11</i>

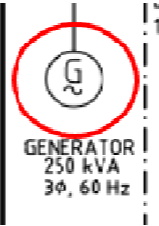
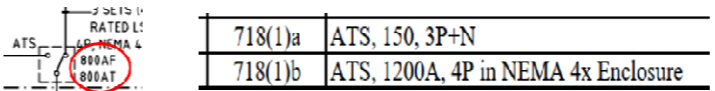
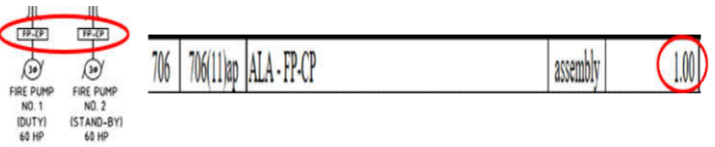
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Section 4A BOQ	Bill No.4- 2 BOQ- 87~88 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)e - 706(38)d - 706(38)c - 706(38)b - 706(38)a - 706(39)e - 706(39)c - 706(39)g - 706(40)e - 706(41)b	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.4- 2 BOQ-88 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(1)b - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.4- 2 BOQ 90 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)d - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6- 1 BOQ-103 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6- 1 BOQ-103 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>


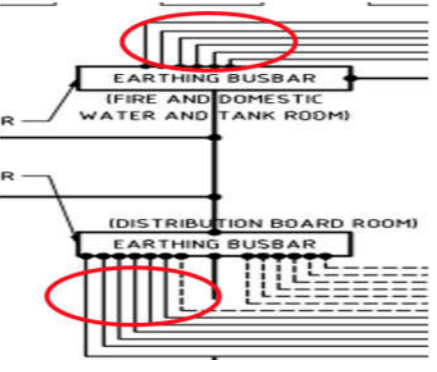
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	1	Section 4A BOQ	Bill No.6-1 BOQ-104 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6-1 BOQ-105 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6-2 BOQ-110 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(3)d - 703(4)l	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6-2 BOQ-110 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-04	1	Section 5A BOQ	Bill No.6-2 BOQ-111 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-04	1	Section 6A BOQ	Bill No.6-2 BOQ-112 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6-3 BOQ-117 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j	<i>Please refer to GBB No. 11</i>
S-04	1	Section 4A BOQ	Bill No.6-3 BOQ-117~118 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>

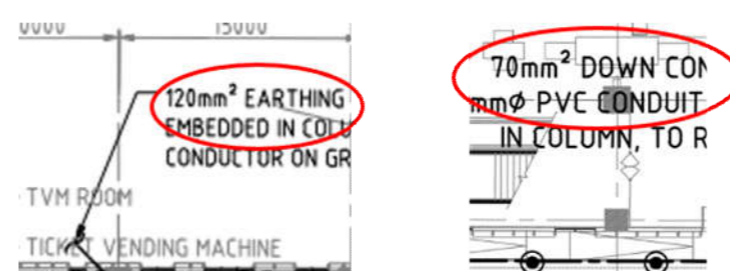
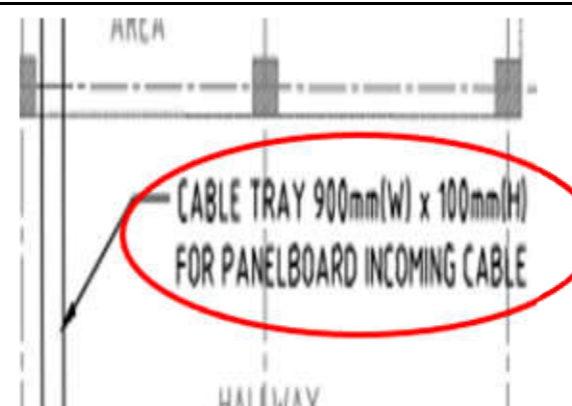
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S-04	1	Section 5A BOQ	Bill No.6-3 BOQ-118 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g	<i>Please refer to GBB No. 11</i>
S-04	1	Section 6A BOQ	Bill No.6-3 BOQ-119 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	NSRP- DWG- ALA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-04- ALA-EL	NSRP- DWG- ALA -EL- 5011 Bill No.4-1 BOQ 61 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	Transfer switch	 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-04- ALA-EL	NSRP- DWG- ALA -EL- 5011 Bill No.4-1 BOQ 61 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>

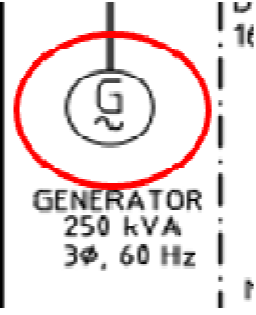
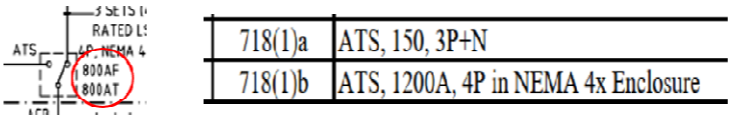
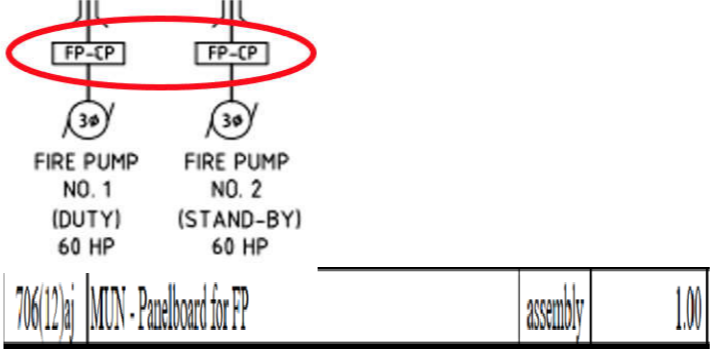

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S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	NSRP- DWG- ALA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	NSRP- DWG- ALA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING CABLE OF MDB4 : (4C x 250mm sq THHN + 1C x 125mm sq TW(G))</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5012 - NSRP- DWG- ALA -EL- 5510	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 2/ CABLE SCHEDULE		<p>There is discrepancy between design drawings. - in LOW VOLTAGE POWER SINGLE LINE DIAGRAM2(NSRP-DWG- ALA -EL-5012) : INCOMING CABLE OF MDB5 : (4C x 150mm sq THHN + 1C x 80mm sq TW(G)) - in CABLE SCHEDULE(NSRP-DWG- ALA -EL-5510) : INCOMING CABLE OF MDB5 : (4C x 125mm sq THHN + 1C x 80mm sq TW(G)) Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>

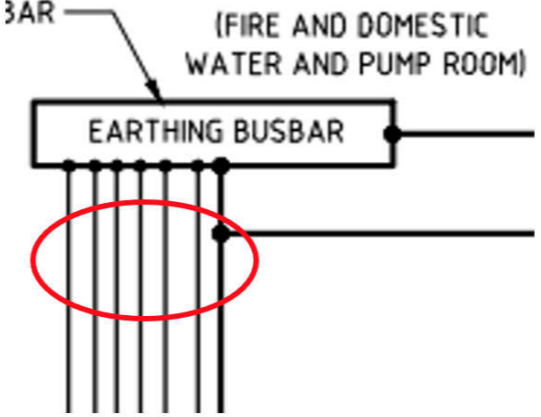
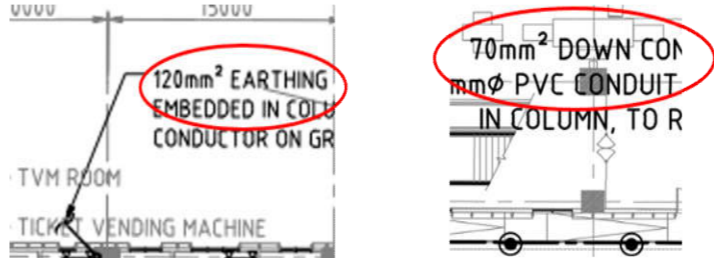
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S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5104	EARTINGING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mm sq earthing conductor and 70mm sq down conductor</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5203	CABLE CONTAINMENT LAYOUT CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Conductor size (From MDB1 to LPG4) : 4C x 30mm sq THHN + 1C x 14mm sq TW(G) - Conductor size (From MDB4 to PPC2) : 4C x 250mm sq THHN + 1C x 125mm sq TW(G) - Conductor size (From FP-DB to DBSF) : 4C x 38mm sq + 1C x 22mm sq (G) Fire Rated LSZH Cable - Conductor size (From FP-DB to DB-GEN) : 4C x 100mm sq + 1C x 60mm sq (G) Fire Rated LSZH Cable 	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- ALA-EL	- NSRP- DWG- ALA -EL- 5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - 70sq DOWN CONDUCTOR 	<i>Please refer to GBB No. 11</i>


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S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	NSRP- DWG- MUN - EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-04- MUN-EL	NSRP- DWG- MUN - EL-5011 Bill No.4- 2 BOQ 88 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM	Transfer switch	 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-04- MUN-EL	NSRP- DWG- MUN - EL-5011 Bill No.4- 2 BOQ 87 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	NSRP- DWG- MUN - EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>

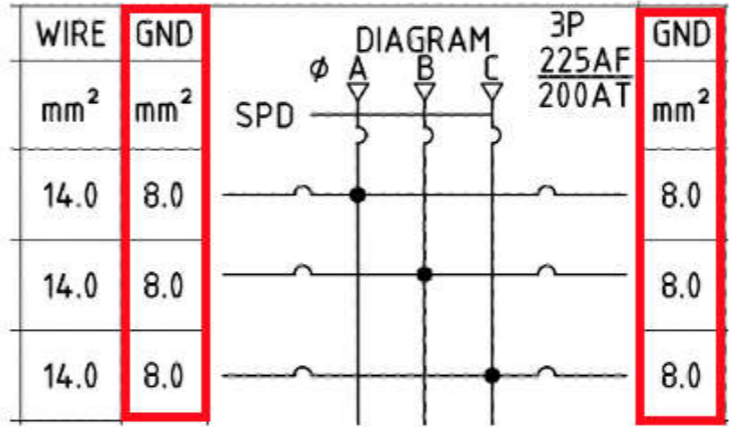
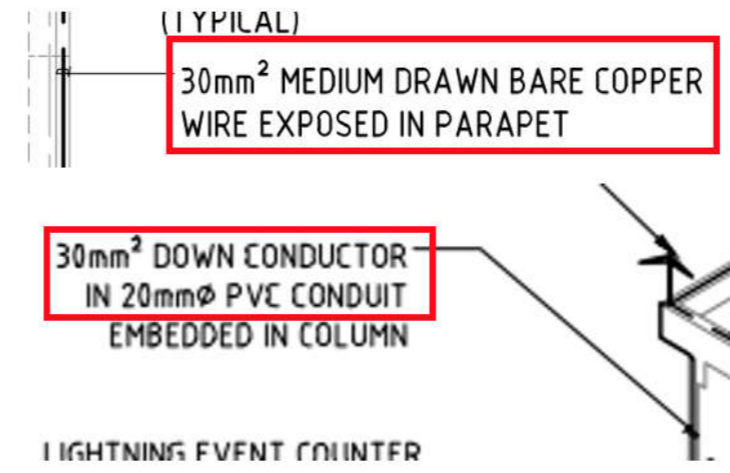
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S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Earthing cables 	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL-5104	EARTHING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - 120mm sq earthing conductor and 70mm sq down conductor 	<i>Please refer to GBB No. 11</i>

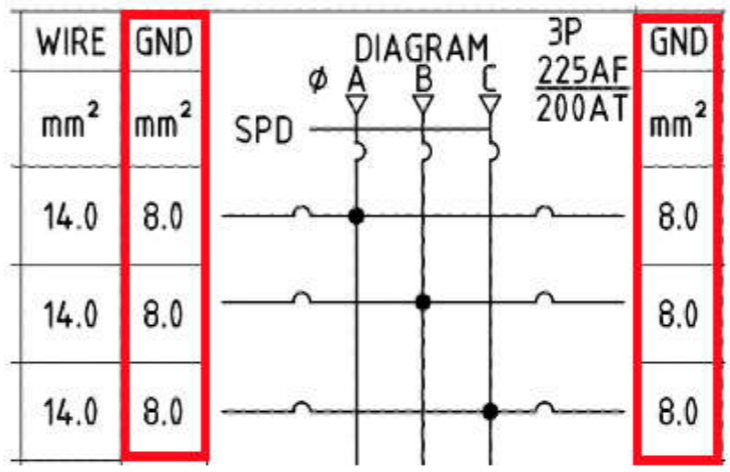
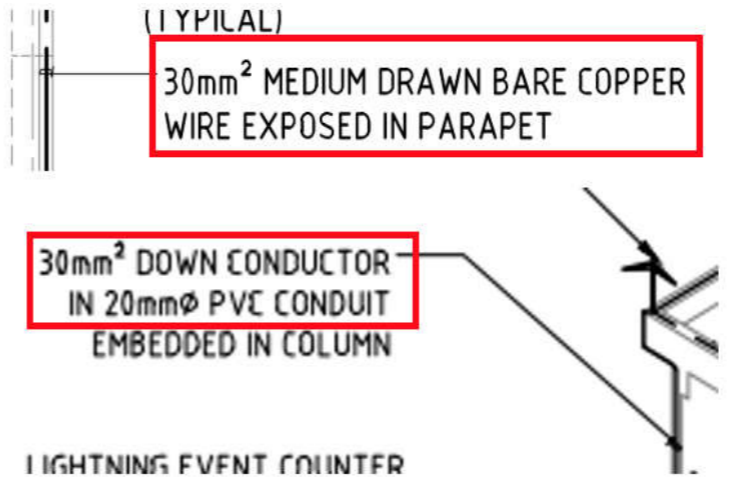
CP S04-07 Responses to Clarification Requests (Batch 4)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL-5203	CABLE CONTAINMENT LAYOUT CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB3	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - From MDB3 to PPG3 : 90 mm dia IMC Conduit - From MDB3 to PPG3 : 90 mm dia IMC Conduit - Conductor size (From MDB3 to PPC1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FP-DB	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From FP-DB to DBSF) : 4C x 38mm sq + 1C x 22mm sq (G) Fire Rated LSZH Cable</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CP S-04-03- MUN-EL	- NSRP- DWG- MUN - EL-5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq DOWN CONDUCTOR</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS7-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS7-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; -Conductor and Conduit size (Incoming wire for PP1) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) 90mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

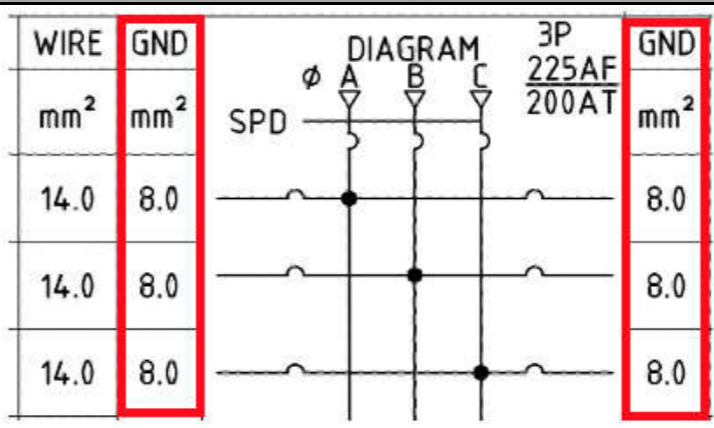
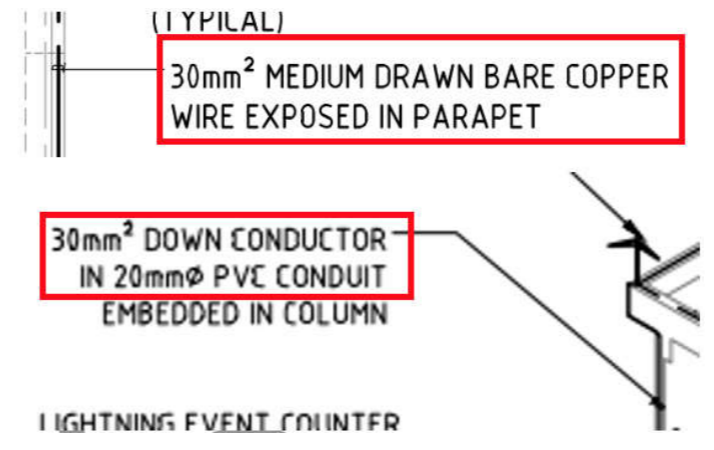
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S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS7-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS7-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS8-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS8-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) 90mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS8-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS8-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS9-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS9-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) 90mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS9-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-04	2	02.Book2. 04-S04 ELEC. CPS-04-03- SS_Electrical_S S_07-09	NSRP- DWG- SS9-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.	(ACC-19)	<p>There is discrepancy between BOQ and design drawing. - in BOQ : of ACC for maintenance room 4 sets - in Design drawing : of ACC for maintenance room 6 sets Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.	(EF-22)	<p>There is discrepancy between BOQ and design drawing. - in BOQ : of Exhaust Fan for M/F Staff Locker room 1 set - in Design drawing : of Exhaust Fan for M/F Staff Locker room 2 sets Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.	(EF-23)	There is discrepancy between BOQ and design drawing. - in BOQ : of Exhaust Fan for E/V Shaft 6 sets - in Design drawing : of Exhaust Fan for E/V Shaft 4 sets Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.	(EF-26)	There is discrepancy between BOQ and design drawing. - in BOQ : of Exhaust Fan for for M/F Driver's Locker room 1 set - in Design drawing : of Exhaust Fan for for M/F Driver's Locker room 2 sets Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.		There is discrepancy between BOQ and design drawing. - in BOQ : Item No. of Exhaust Fan for Genset Room EF-27 - in Design drawing : Item No. of Exhaust Fan for Genset Room EF-15 Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.	(SF-04)	There is discrepancy between BOQ and design drawing. - in BOQ : of Supply Fan for M/F Driver's Locker Room 1 set - in Design drawing : of Supply Fan for M/F Driver's Locker Room 2 sets Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.		There is discrepancy between BOQ and design drawing. - in BOQ : Item No. of Heat Reclaim Ventilator for AFC Room HRV15 - in Design drawing : Item No. of Heat Reclaim Ventilator for AFC Room HRV14 Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA-ME- 5601	Vent System & A/C Sys. Schematic Dia.		There is discrepancy between BOQ and design drawing. - in BOQ : Item No. of Heat Reclaim Ventilator for Male/Female Driver Room HRV19/20 - in Design drawing : Item No. of Heat Reclaim Ventilator for Male/Female Driver Room HRV18/19 Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP- DWG- ALA- ME-5661	Alabnang St. Equipment Schedule Sheet 1		There is discrepancy between BOQ and design drawing. - in BOQ : Q;ty.&Spec of ACC-19 maintenance Room 4 Set/14/3kw - in Design drawing : Q;ty.&Spec of ACC-19 maintenance Room 6 Set/ 13.28kw Please clarify above item.	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-ME-5661	Alabnang St. Equipment Schedule Sheet 1		There is discrepancy between BOQ and design drawing. - in BOQ : Q;ty.&Spec of SEF-01 Unventilated Area 5 Set/6192LS - in Design drawing : Q;ty.&Spec of SEF-01 Unventilated Area 2 Set/ 5060LS Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-ME-5661	Alabnang St. Equipment Schedule Sheet 1		We can't find out Q;ty &Spec of SEF-02~04 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of SEF-02~04 are specified in DWG but are missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-ME-5662	Alabnang St. Equipment Schedule Sheet 2		There is discrepancy between BOQ and design drawing. - in BOQ : Q;ty.& Spec of EF-08 Male/Female Driver's Toilet 2 Set/ 400LS/130Pa - in Design drawing : Q;ty.&Spec of EF-08 Male/Female Driver's Toilet 1 Set/ 48LS/100Pa Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-ME-5662	Alabnang St. Equipment Schedule Sheet 2		We can't find out Q;ty &Spec of SF-01~02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of SF-01~02 are specified in DWG but are missing in BOQ	<i>Bidder is advised that SF-01 & SF-02 are excluded in the Scope of Works</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	DWG-ALA-ME-5663	Equipment Schedule Sheet 3		We can't find out Q;ty &Spec of PF-01 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of PF-01 is specified in DWG but are missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	DWG-ALA-ME-5828	Alabnang St. Install. G.L. &Equip. Schedule		We can't find out Q;ty &Spec of Electric Water Heater in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of Electric Water Heater is specified in DWG but are missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-FS-6611	Alabnang St. Fire Water Install. Con. &Platform		Symbol of Upright Sprinkler is different with other similar DWG.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_ LA ME_PL_ SN. FS	NSRP-DWG-ALA-FS-6631	Alabnang St. Equip. Schedule		There is discrepancy between BOQ and design drawing. - in BOQ : Q;ty. of Clean Agent 13sets - in Design drawing : Q;ty. of Clean Agent 14sets Please clarify above item.	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5601	Muntinlupa St. VENT & A/C Sys. Schem Dia.		There is discrepancy between BOQ and design drawing. - in BOQ : Item No. of SEF in unventilated Area SEF-01 - in Design drawing : Item No. of SEF in unventilated Area SEF-04 Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5661	Muntinlupa St Equipment Schedule Sheet 1		There is discrepancy between BOQ and design drawing. - in BOQ : Q'ty.of SEF of Unventilated Area 5 Sets - in Design drawing : Q'ty.of SEF of Unventilated Area 10 Sets Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5662	Muntinlupa St Equipment Schedule Sheet 2		We can't find out Q;ty &Spec of SF01~02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of SF01~02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5662	Muntinlupa St Equipment Schedule Sheet 2		We can't find out Q;ty &Spec of PF-01 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q;ty &Spec of PF-01 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5828	Muntinlupa St. Install. G.L. &Equip. Schedule		There is discrepancy between BOQ and design drawing. - in BOQ : Capacity of Hydroneumatic Tank 25L - in Design drawing : Capacity of Hydroneumatic Tank 20L Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-ME-5828	Muntinlupa St. Install. G.L. &Equip. Schedule		We can't find out Q'ty.&Spec of Electric Water Heater in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of Electric Water Heater is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-FS-6611	Muntinlupa St. Fire Water Install. Con. &Platform		Symbol of Upright Sprinkler is different with other similar DWG.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_MUN_ME_PL_SN.FS	NSRP-DWG-MUN-FS-6631	Muntinlupa St. Equip. Schedule		There is discrepancy between BOQ and design drawing. - in BOQ : Q'ty. of Fire Extinguisher 9 Sets - in Design drawing : Q'ty. of Fire Extinguisher 11 Sets Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_SS MPSS_SS_07-09	NSRP-DWG-PSS7-ME-5601	SS07 Vent & A/C Sys. Schematic Dia.	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_SS MPSS_SS_07-09	NSRP-DWG-PSS7-ME-5661	SS07 Mechanical Equip. Schedule	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-04	-	CP S-04_04_SS MPSS_SS_07- 09	NSRP- DWG- PSS8-ME- 5601	SS08 Vent & A/C Sys. Schematic Dia.	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_SS MPSS_SS_07- 09	NSRP- DWG- PSS8-ME- 5661	SS08 Mechanical Equip Schedule	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_SS MPSS_SS_07- 09	NSRP- DWG- PSS9-ME- 5601	SS09 Vent & A/C Sys. Schematic Dia.	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-04	-	CP S-04_04_SS MPSS_SS_07- 09	NSRP- DWG- PSS9-ME- 5661	SS09 Mechanical Equip Schedule	EF-02	We can't find out Q'ty.&Spec of EF-02 in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Q'ty.&Spec of EF-02 is missing in BOQ	<i>Please refer to GBB No. 11</i>
S-05	2	Section 6 TS 200 Annex	201.1.1			There is no criteria for method of measurement regarding structure excavation. 1) Please provide specific criteria of payment for quantity of Excavation & Backfill. 2) Temporary work is contractor's scope. So the payment will be applied as per contractor's design?	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4 Bidding form	Page 19	Key personnel		Regarding experience of BIM Coordinator, a project requires 12 years as total work experience. Please clarify that this total 12 years experience means construction work or only for BIM work.	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Page 128			Sta. Rosa station has a Pedestrian elevator linked to walkway. This needs also bored piles. According to drawing No. NSRP- DWG-SRO-ST-4711, the size is 900mm. But the installation of pile in BOQ is omitted. Please, provide the item.	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	-		Detailed Design		Please provide CAD format files for all detailed design drawings which you supplied PDF files as followings; - Book 1 : Civil Detailed Designs - Book 2 : Architectural Detailed Designs	<i>Please refer to CAD Files issued under GBB No. 07</i>
S-05	1	Section 4A BOQ	Bill No.4- 1 BOQ 62 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)e - 706(38)d - 706(38)c - 706(38)b - 706(38)a - 706(39)d - 706(39)c - 706(39)b - 706(39)a - 706(39)g - 706(41)h	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 1 BOQ 62 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)f - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 1 BOQ 65 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)c - 703(4)d - 703(4)e - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 4A BOQ	Bill No.4- 2 BOQ-90 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(1)l - 703(2)c	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 2 BOQ- 91~92 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)f - 706(40)d - 706(38)d - 706(38)b - 706(38)a - 706(39)d - 706(39)c - 706(39)b - 706(39)g - 706(41)b	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 2 BOQ-92 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(1)f - 707(1)b - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 2 BOQ 94 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)e - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 3 BOQ-121 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(1)k - 703(2)c	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 4A BOQ	Bill No.4- 3 BOQ-122 page	Power Distribution Panel		<p>We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings;</p> <ul style="list-style-type: none"> - 706(38)e - 706(40)d - 706(38)c - 706(38)b - 706(40)e - 706(39)d - 706(39)c - 706(39)a - 706(39)g - 706(41)b 	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 3 BOQ-123 page	Conduit and cable Tray		<p>We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings;</p> <ul style="list-style-type: none"> - 707(1)f - 707(4)d - 707(4)g - 707(4)h - 707(4)i - 707(5)a 	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 3 BOQ 125 page	Earthing System		<p>We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings;</p> <ul style="list-style-type: none"> - 703(4)b - 703(4)d - 703(4)e - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k 	<i>Please refer to GBB No. 11</i>

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 4A BOQ	Bill No.4- 4 BOQ-154 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)f - 706(38)e - 706(38)d - 706(38)c - 706(38)b - 706(39)f - 706(39)e - 706(39)d - 706(39)a - 706(41)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.4- 4 BOQ 157 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)d - 703(4)e - 703(4)g - 703(4)i - 703(4)j - 703(4)k - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6- 1 BOQ-172 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6- 1 BOQ-172 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6- 1 BOQ-172 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>

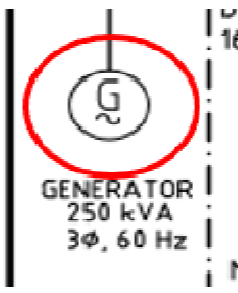
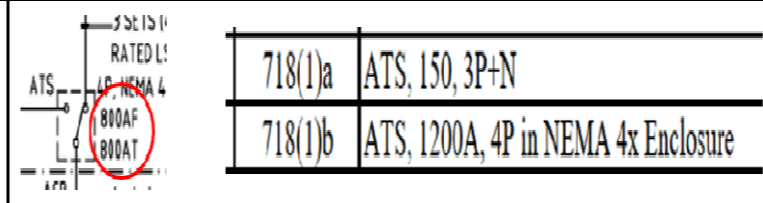

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 4A BOQ	Bill No.6-1 BOQ-173 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-2 BOQ-178 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-2 BOQ-178 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-05	1	Section 5A BOQ	Bill No.6-2 BOQ-178 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-05	1	Section 6A BOQ	Bill No.6-2 BOQ-179 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-3 BOQ-184 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)n - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-3 BOQ-184 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-05	1	Section 5A BOQ	Bill No.6-3 BOQ-184 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>


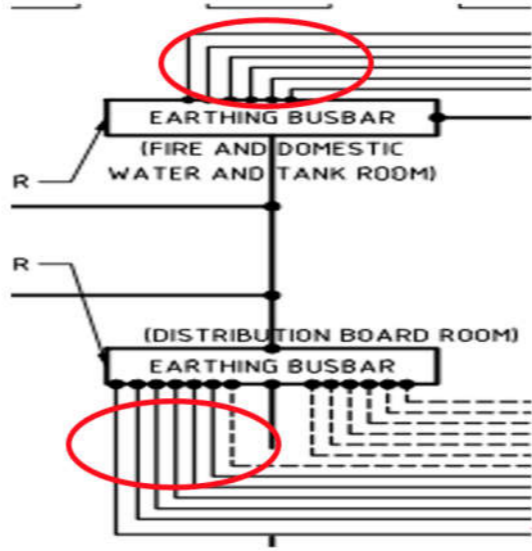
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 6A BOQ	Bill No.6-3 BOQ-185 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-4 BOQ-190 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-4 BOQ-190 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-05	1	Section 5A BOQ	Bill No.6-4 BOQ-190 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-05	1	Section 6A BOQ	Bill No.6-4 BOQ-191 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-5 BOQ-196 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)n - 703(4)l	<i>Please refer to GBB No. 11</i>
S-05	1	Section 4A BOQ	Bill No.6-5 BOQ-196 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-05	1	Section 5A BOQ	Bill No.6-5 BOQ-196 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>

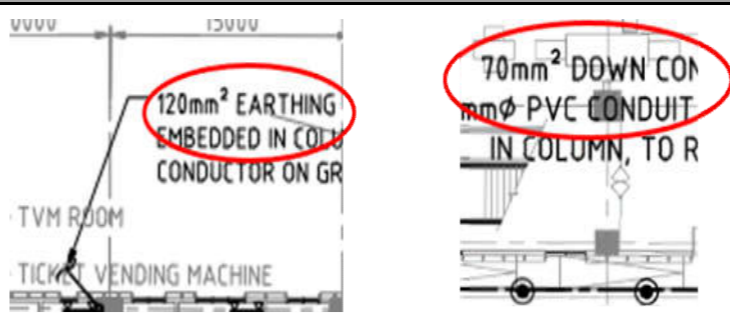
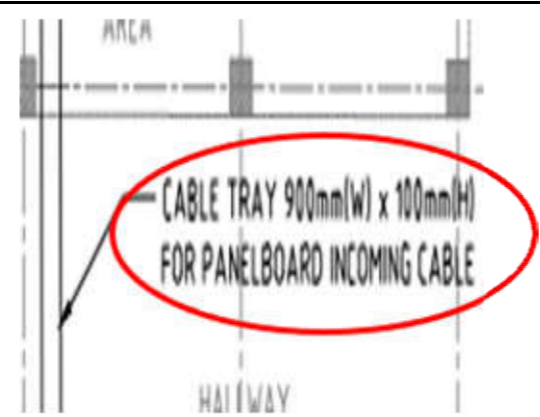
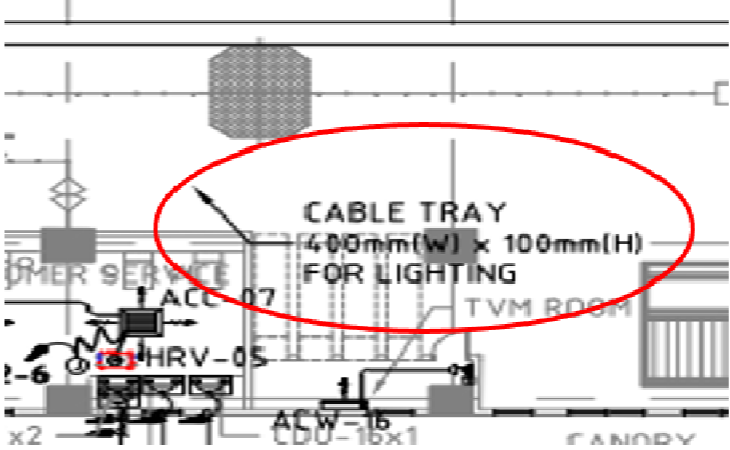
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	1	Section 6A BOQ	Bill No.6-5 BOQ-197 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	NSRP-DWG-BIN-EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	NSRP-DWG-BIN-EL-5011 Bill No.4-3 BOQ 123 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM	Transfer switch	 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	NSRP-DWG-BIN-EL-5011 Bill No.4-3 BOQ 122 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>

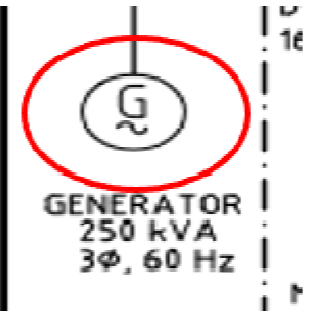
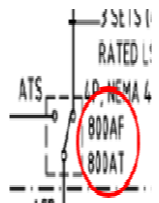
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	NSRP-DWG-BIN-EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	NSRP-DWG-BIN-EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING CABLE OF MDB 3 and 4 : (4C x 150mm sq THHN + 1C x 80mm sq TW(G))</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5101~5103	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>

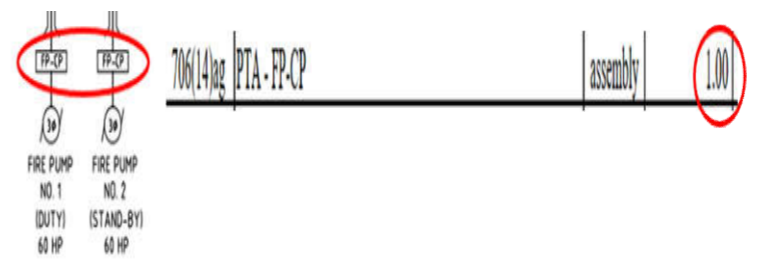
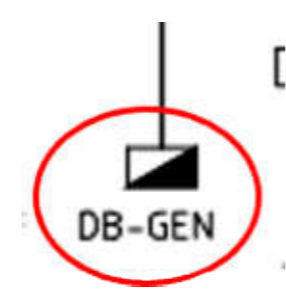
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5104	EARTING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mm sq earthing conductor and 70mm sq down conductor</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5203	CABLE CONTAINMENT LAYOUT CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5203	CABLE CONTAINMENT LAYOUT CONCOURSE LEVEL		 <p>Please clarify where the arrow points as following items; - Cable Tray for lighting 400mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>

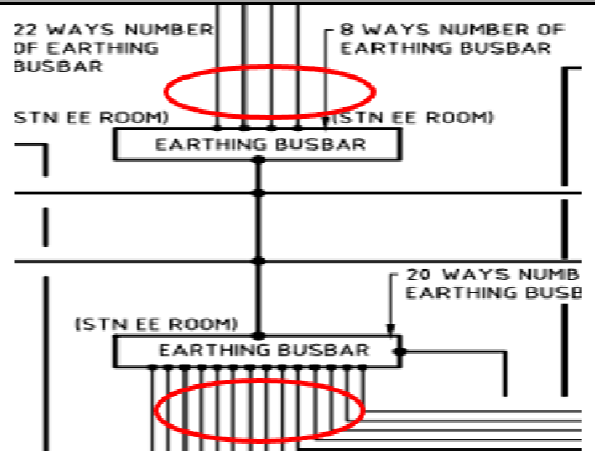
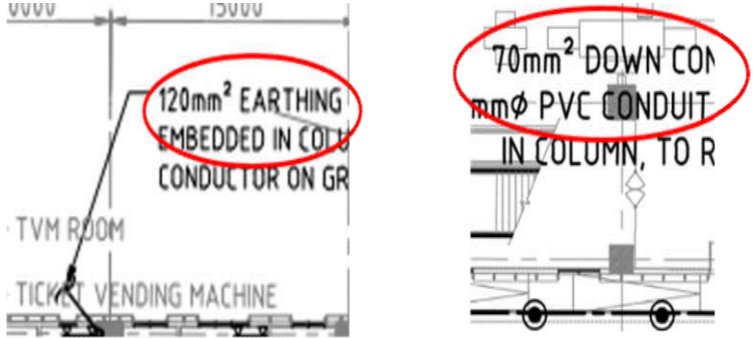
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response				
S-05	2	02.Book2.04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB3 and MDB4	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Conductor size (From MDB3 to PPG4) : 4C x 150mm sq THHN + 1C x 80mm sq TW(G) - Conduit size (From MDB4 to PPC1) : 90 mm dia IMC Conduit - Conductor size (From MDB4 to PPC3) : 4C x 150mm sq THHN + 1C x 80mm sq TW(G) - Conductor size (From FP-DB to DBSF) : 4C x 80mm sq + 1C x 38mm sq (G) Fire Rated LSZH Cable - Conductor size (From FP-DB to DB-GEN) : 4C x 80mm sq + 1C x 38mm sq (G) Fire Rated LSZH Cable 	<i>Please refer to GBB No. 11</i>				
S-05	2	02.Book2.04-S05 ELEC. CPS-05-03-BIN-EL	- NSRP-DWG-BIN -EL-5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - 70sq DOWN CONDUCTOR 	<i>Please refer to GBB No. 11</i>				
S-05	2	02.Book2.04-S05 ELEC. CP S-05-03-PTA_EL	NSRP-DWG-PTA-EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Generator 	<i>Please refer to GBB No. 11</i>				
S-05	2	02.Book2.04-S05 ELEC. CP S-05-03-PTA_EL	NSRP-DWG-PTA-EL-5011 Bill No.4-2 BOQ 92 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM	Transfer switch	 <table border="1" data-bbox="1676 1386 2166 1543"> <tr> <td>718(1)a</td> <td>ATS, 150, 3P+N</td> </tr> <tr> <td>718(1)b</td> <td>ATS, 1200A, 4P in NEMA 4x Enclosure</td> </tr> </table> <p>There is discrepancy between BOQ and design drawing.</p> <ul style="list-style-type: none"> - in BOQ : 1200A - in Desing drawing : 800A <p>Please clarify above item.</p>	718(1)a	ATS, 150, 3P+N	718(1)b	ATS, 1200A, 4P in NEMA 4x Enclosure	<i>Please refer to GBB No. 11</i>
718(1)a	ATS, 150, 3P+N										
718(1)b	ATS, 1200A, 4P in NEMA 4x Enclosure										

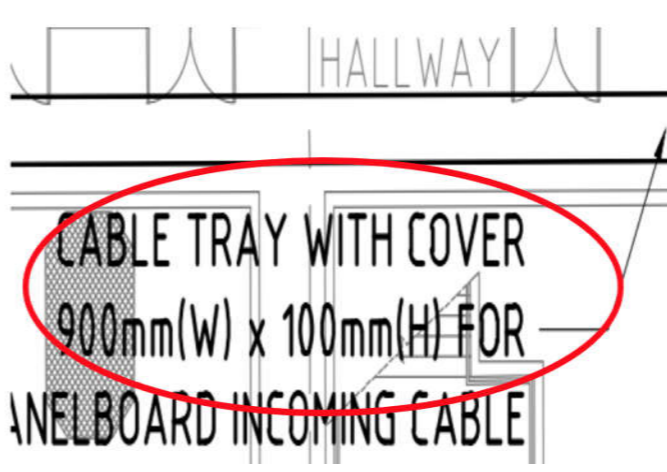
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	NSRP- DWG- PTA -EL- 5011 Bill No.4- 2 BOQ 91 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	NSRP- DWG- PTA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	NSRP- DWG- PTA -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING CABLE OF MDB3 : (4C x 150mmsq THHN + 1C x 80mm sq TW(G))</p>	<i>Please refer to GBB No. 11</i>

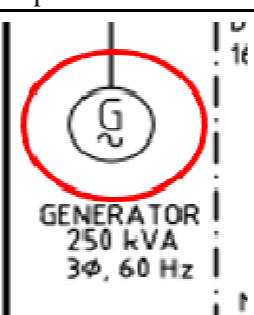
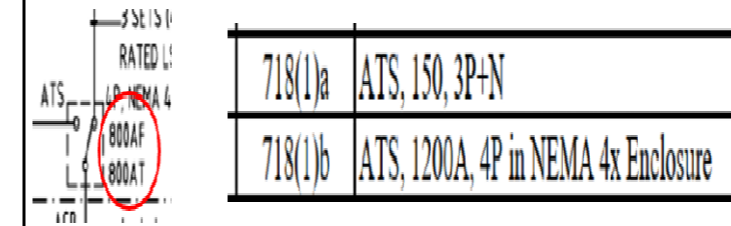
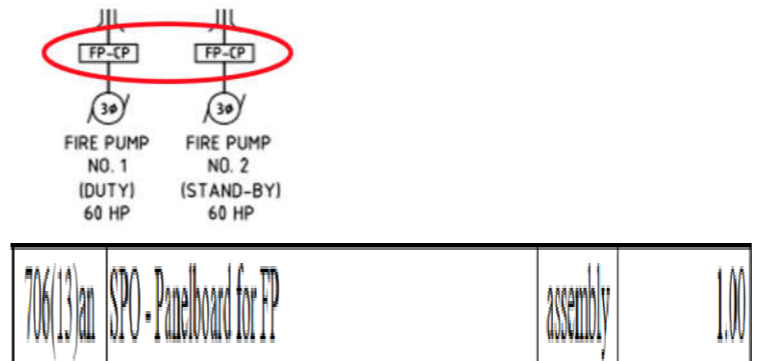
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5104	EARTHING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mmsq earthing conductor and 70mmsq down conductor</p>	<i>Please refer to GBB No. 11</i>

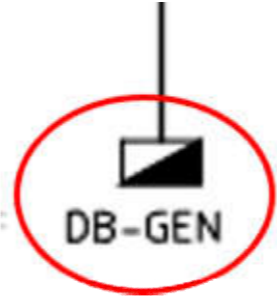
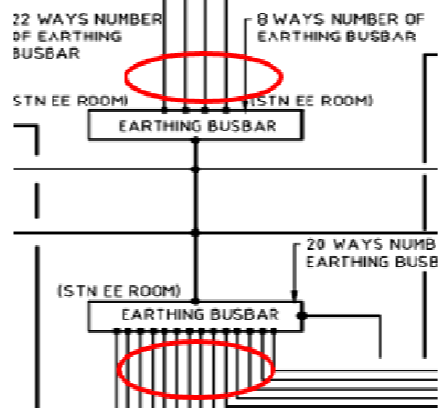
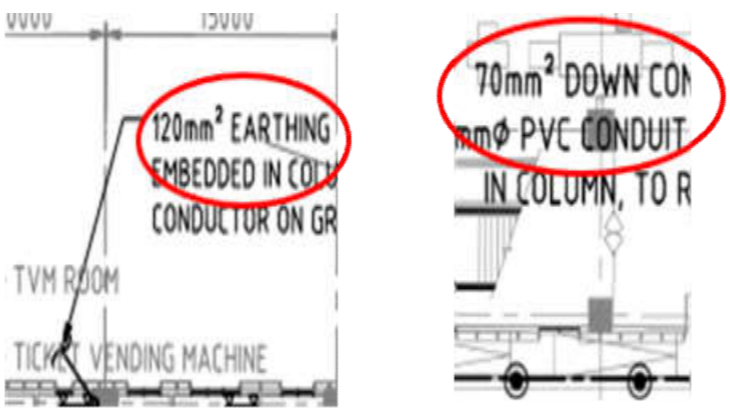
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5201~ 5203	CABLE CONTAINMENT LAYOUT CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB2	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From MDB2 to LPC4) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - Conductor size (From MDB2 to LPC5) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - Conductor size (From MDB2 to PSC) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - Conductor size (From MDB2 to DBISO) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - 80mm dia IMC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB3, MDB4	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From MDB3 to PPC1) : 4C x150mm sq THHN + 1C x 80mm sq TW (G) - Conductor size (From MDB2 to PPC4) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) - Conductor size (From MDB4 to PPG3) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) - 80mm and 90mm dia IMC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FP-DB	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From FP-DB to DBSF) : 4C x 38mm sq + 1C x 22mm sq (G) Fire Rated LSZH Cable - Conductor size (From FP-DB to DB-GEN) : 4C x 80mm sq + 1C x 38mm sq (G) Fire Rated LSZH Cable</p>	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CP S-05-03- PTA_EL	- NSRP- DWG- PTA -EL- 5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq DOWN CONDUCTOR	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO- EL.	NSRP- DWG- SPO-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO- EL.	NSRP- DWG- SPO-EL- 5011 Bill No.4- 1 BOQ 62 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM	Transfer switch	 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO- EL.	NSRP- DWG- SPO -EL- 5011 Bill No.4- 1 BOQ 62 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>

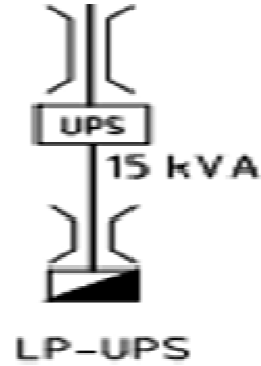
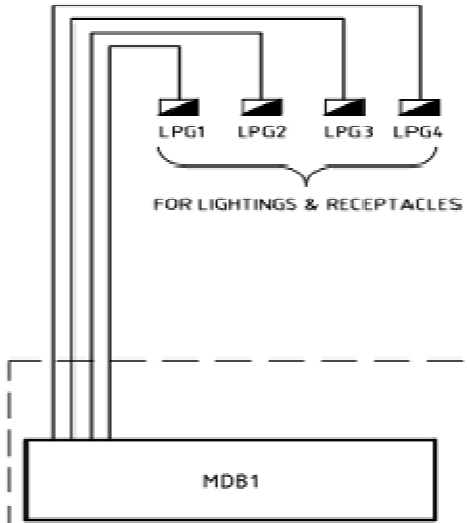
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	NSRP-DWG-SPO -EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5101~5103	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5104	EARTHING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mmsq earthing conductor and 70mmsq down conductor</p>	<i>Please refer to GBB No. 11</i>

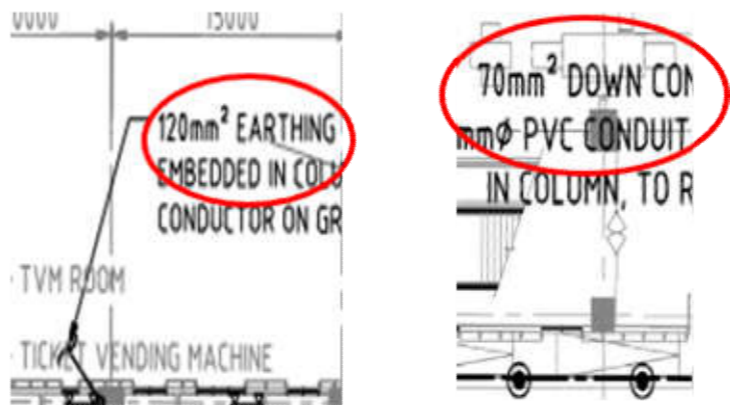
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB1	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From MDB2 to LPG4) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G)	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FROM MDB3 TO PPG1	There is discrepancy between design drawings. - in PANELBOARD LOAD SCHEDULE SHEET 1 (NSRP-DWG- SPO -EL-5500): 4C x 80mm sq THHN + 1C x 38mm sq TW (G) - in PANELBOARD LOAD SCHEDULE SHEET 5 (NSRP-DWG- SPO -EL-5504): 4C x 150mm sq THHN + 1C x 80mm sq TW (G) Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FROM MDB4 TO PPC2	There is discrepancy between design drawings. - in PANELBOARD LOAD SCHEDULE SHEET 1 (NSRP-DWG- SPO -EL-5500): 4C x 100mm sq THHN + 1C x 50mm sq TW (G) - in Cable schedule(NSRP-DWG-SPO-EL-5509) : 4C x 50mm sq THHN + 1C x 30mm sq TW (G) Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FROM FP-DB TO DBSF	There is discrepancy between design drawings. - in PANELBOARD LOAD SCHEDULE SHEET 1 (NSRP-DWG- SPO -EL-5500): 4C x 38mm sq + 1C x 22mm sq (G) Fire Rated LSZH Cable - in Cable schedule(NSRP-DWG-SPO-EL-5509) : 4C x 14mm sq + 1C x 8mm sq (G) Fire Rated LSZH Cable Please clarify above item.	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FROM FP-DB TO DB-GEN	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From FP-DB to DB-GEN) : 4C x 100mm sq + 1C x 50mm sq (G) Fire Rated LSZH Cable	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SPO-EL.	- NSRP-DWG-SPO -EL-5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq DOWN CONDUCTOR	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SRO-EL	NSRP-DWG-SRO-EL-5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 15 kVA UPS</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SRO-EL	- NSRP-DWG-SRO -EL-5101~5103	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>

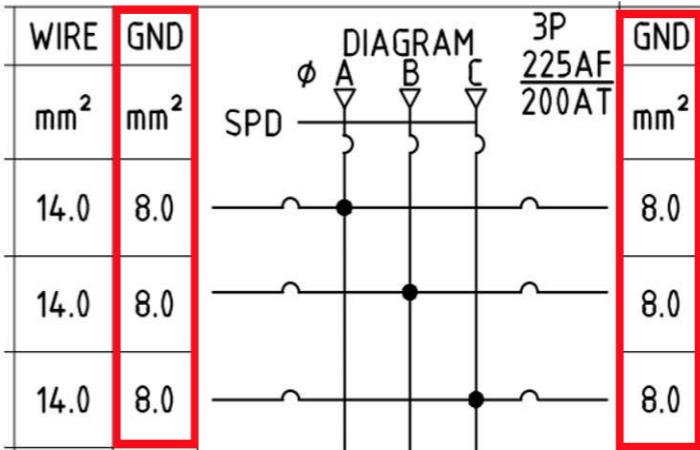
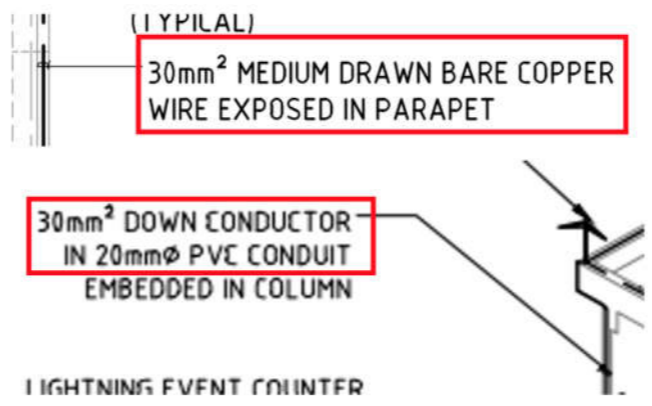
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SRO-EL	- NSRP-DWG-SRO -EL-5104	EARTING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mmsq earthing conductor and 70mmsq down conductor</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SRO-EL	- NSRP-DWG-SRO -EL-5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FROM MDB3 TO PPG1 and PPG4	<p>There is discrepancy between design drawings. - in PANELBOARD LOAD SCHEDULE SHEET 1 (NSRP-DWG- SRO -EL-5500): 4C x 100mm sq THHN + 1C x 60mm sq TW (G) - in PANELBOARD LOAD SCHEDULE SHEET 5 (NSRP-DWG- SRO -EL-5504): 4C x 100mm sq THHN + 1C x 50mm sq TW (G) Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SRO-EL	- NSRP-DWG-SRO -EL-5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mmsq DOWN CONDUCTOR</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SS_Electrical_S_10-14	NSRP-DWG-SS10-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03-SS_Electrical_S_10-14	NSRP-DWG-SS10-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G) 100mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

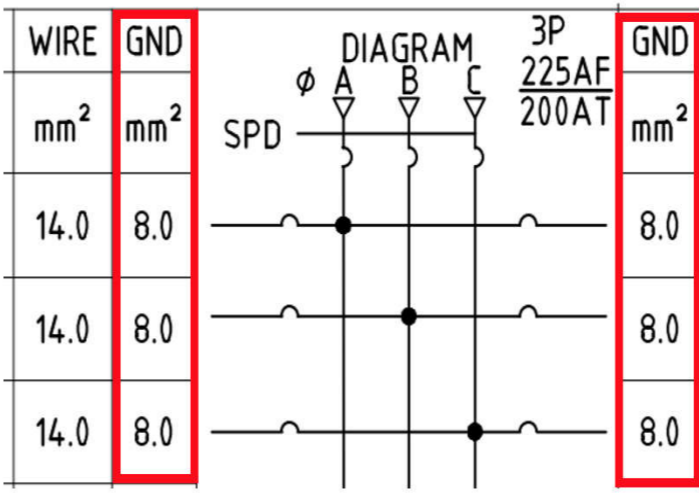
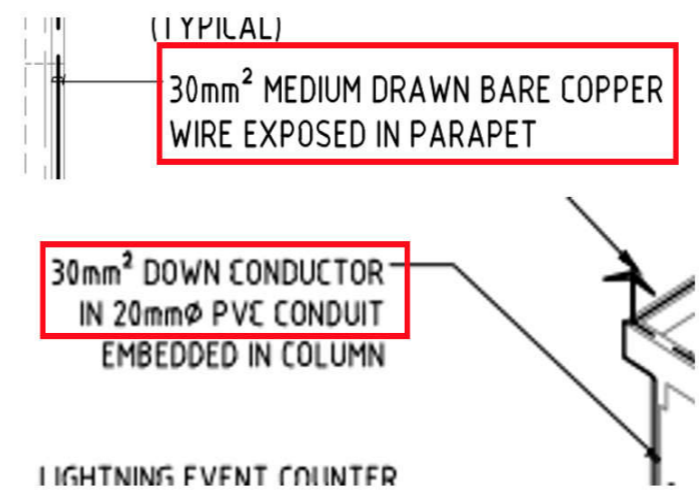
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS10-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS10-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS11-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>

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S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS11-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G) 100mm dia IMC	<i>Please refer to GBB No. 11</i>										
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS11-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	 <p>The diagram shows a 3-phase SPD system with phases A, B, and C. A table to the left of the diagram lists wire and ground sizes:</p> <table border="1"> <thead> <tr> <th>WIRE</th> <th>GND</th> </tr> <tr> <th>mm²</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>14.0</td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	WIRE	GND	mm ²	mm ²	14.0	8.0	14.0	8.0	14.0	8.0	<i>Please refer to GBB No. 11</i>
WIRE	GND																
mm ²	mm ²																
14.0	8.0																
14.0	8.0																
14.0	8.0																
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS11-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>The diagram shows a lightning event counter installation. Callouts indicate:</p> <ul style="list-style-type: none"> 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET 30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>										
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS12-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING WIRE(4C x 14mm sq THHN + 1C x 5.5mm sq TW(G) - 40mm dia IMC Conduit for INCOMING WIRE	<i>Please refer to GBB No. 11</i>										

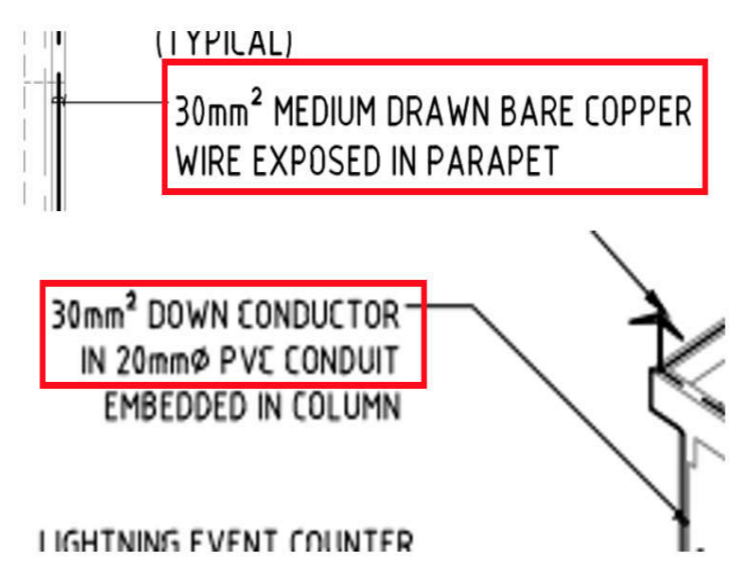
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2.04-S05 ELEC. CPS-05-03-SS_Electrical_S S_10-14	NSRP-DWG-SS12-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conduit size (Incoming wire for PP1) : 60mm dia IMC	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2.04-S05 ELEC. CPS-05-03-SS_Electrical_S S_10-14	NSRP-DWG-SS12-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2.04-S05 ELEC. CPS-05-03-SS_Electrical_S S_10-14	NSRP-DWG-SS12-EL-5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>

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S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS13-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE	<i>Please refer to GBB No. 11</i>																				
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS13-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; -Conductor and Conduit size (Incoming wire for PP1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G) 100mm dia IMC	<i>Please refer to GBB No. 11</i>																				
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS13-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<table border="1"> <thead> <tr> <th>WIRE</th> <th>GND</th> <th>DIAGRAM</th> <th>GND</th> </tr> <tr> <th>mm²</th> <th>mm²</th> <th></th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>14.0</td> <td>8.0</td> <td> </td> <td>8.0</td> </tr> <tr> <td>14.0</td> <td>8.0</td> <td></td> <td>8.0</td> </tr> <tr> <td>14.0</td> <td>8.0</td> <td></td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	WIRE	GND	DIAGRAM	GND	mm ²	mm ²		mm ²	14.0	8.0		8.0	14.0	8.0		8.0	14.0	8.0		8.0	<i>Please refer to GBB No. 11</i>
WIRE	GND	DIAGRAM	GND																								
mm ²	mm ²		mm ²																								
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14.0	8.0		8.0																								
14.0	8.0		8.0																								

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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS13-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS14-EL- 5500	ELECTRICAL PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING WIRE(4C x 14mm sq THHN + 1C x 5.5mm sq TW(G) - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS14-EL- 5500	ELECTRICAL PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conduit size (Incoming wire for PP1) : 60mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS14-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>WIRE GND mm² mm² 14.0 8.0 14.0 8.0 14.0 8.0</p> <p>DIAGRAM 3P 225AF 200AT SPD φ A B C mm² mm² 8.0 8.0 8.0</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	<i>Please refer to GBB No. 11</i>
S-05	2	02.Book2. 04-S05 ELEC. CPS-05-03- SS_Electrical_S S_10-14	NSRP- DWG- SS14-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		<p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	Section 6 TS 200 Annex	201.1.1			<p>There is no criteria for method of measurement regarding structure excavation.</p> <p>1) Please provide specific criteria of payment for quantity of Excavation & Backfill.</p> <p>2) Temporary work is contractor's scope. So the payment will be applied as per contractor's design?</p>	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4 Bidding form	Page 19	Key personnel		<p>Regarding experience of BIM Coordinator, a project requires 12 years as total work experience. Please clarify that this total 12 years experience means construction work or only for BIM work.</p>	<i>Please refer to GBB No. 11</i>
S-06	2	-		Detailed Design		<p>Please provide CAD format files for all detailed design drawings which you supplied PDF files as followings;</p> <ul style="list-style-type: none"> - Book 1 : Civil Detailed Designs - Book 2 : Architectural Detailed Designs 	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4-1 BOQ 63 page	Wires and cables		<p>We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings;</p> <ul style="list-style-type: none"> - 703(1)i - 703(1)l - 703(2)c 	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Section 4A BOQ	Bill No.4- 1 BOQ 64~65 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)h - 706(38)e - 706(38)d - 706(38)c - 706(38)a - 706(39)d - 706(39)c - 706(39)b - 706(39)a - 706(39)g - 706(41)b	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4- 1 BOQ 65 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4- 1 BOQ 68 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)c - 703(4)d - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4- 2 BOQ-96 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)f - 703(1)j - 703(1)l - 703(2)b - 703(2)c	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Section 4A BOQ	Bill No.4- 2 BOQ- 97~98 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)g - 706(38)e - 706(38)d - 706(38)d - 706(38)b - 706(38)a - 706(39)e - 706(39)d - 706(39)c - 706(39)g - 706(41)b	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4- 2 BOQ-98 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4- 2 BOQ 101 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)c - 703(4)d - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-06	1	Volume 1 Section 4A BOQ	Bill No.4- 3 BOQ-134 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(2)c - 703(3)b - 703(3)f	<i>Please refer to GBB No. 11</i>

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Section 4A BOQ	Bill No.4-3 BOQ-135~136 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)g - 706(40)f - 706(38)e - 706(38)d - 706(38)c - 706(38)b - 706(38)a - 706(39)b - 706(39)d - 706(39)c - 706(39)g - 706(41)b	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4-3 BOQ-136 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)g - 707(4)h - 707(4)i - 707(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.4-3 BOQ 139 page	Earthing System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(4)b - 703(4)d - 703(4)g - 703(4)h - 703(4)i - 703(4)j - 703(4)k	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-1 BOQ-153 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-1 BOQ-153 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>

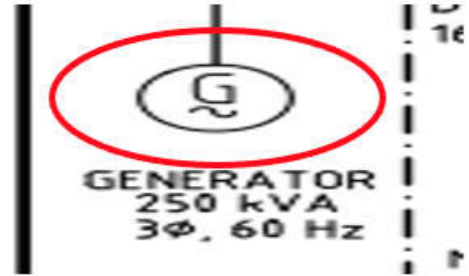
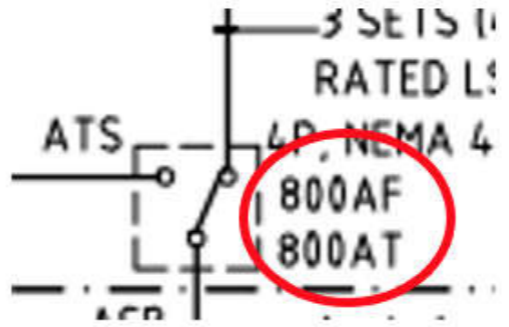
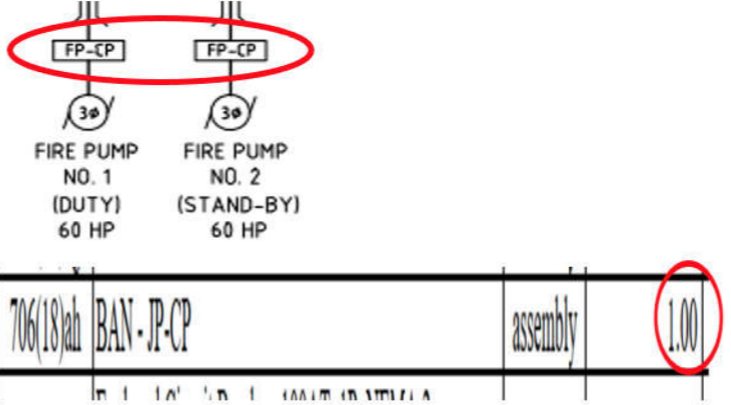
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Section 4A BOQ	Bill No.6-1 BOQ-154 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-1 BOQ-155 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-2 BOQ-160 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-2 BOQ-160 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-06	1	Section 5A BOQ	Bill No.6-2 BOQ-161 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-06	1	Section 6A BOQ	Bill No.6-2 BOQ-162 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-3 BOQ-167 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)h - 703(3)c	<i>Please refer to GBB No. 11</i>


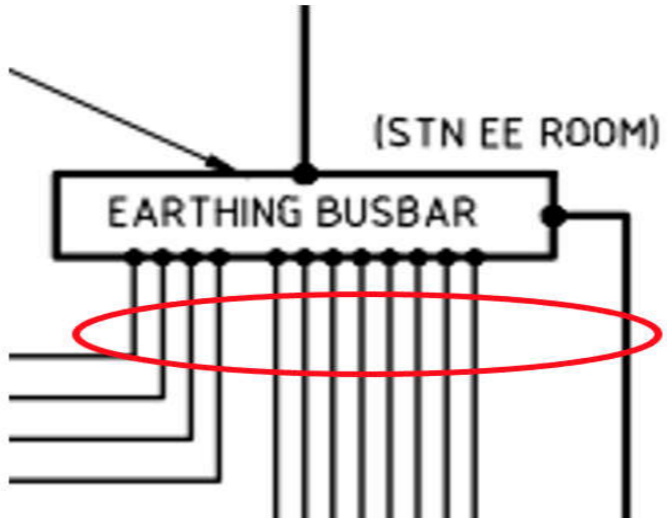
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	1	Section 4A BOQ	Bill No.6-3 BOQ-167 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)e - 706(40)b - 706(40)f	<i>Please refer to GBB No. 11</i>
S-06	1	Section 5A BOQ	Bill No.6-3 BOQ-167 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-06	1	Section 6A BOQ	Bill No.6-3 BOQ-168 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-4 BOQ-173 page	Wires and cables		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(1)j - 703(4)l	<i>Please refer to GBB No. 11</i>
S-06	1	Section 4A BOQ	Bill No.6-4 BOQ-173 page	Power Distribution Panel		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 706(38)a - 706(40)d	<i>Please refer to GBB No. 11</i>
S-06	1	Section 5A BOQ	Bill No.6-4 BOQ-174 page	Conduit and cable Tray		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 707(4)d - 707(4)g - 707(4)i	<i>Please refer to GBB No. 11</i>
S-06	1	Section 6A BOQ	Bill No.6-4 BOQ-175 page	Lightning Protection System		We can't find out the specification of some items in the relevant design drawing. But the items are in the BOQ. Please provide relevant drawings as followings; - 703(5)a	<i>Please refer to GBB No. 11</i>

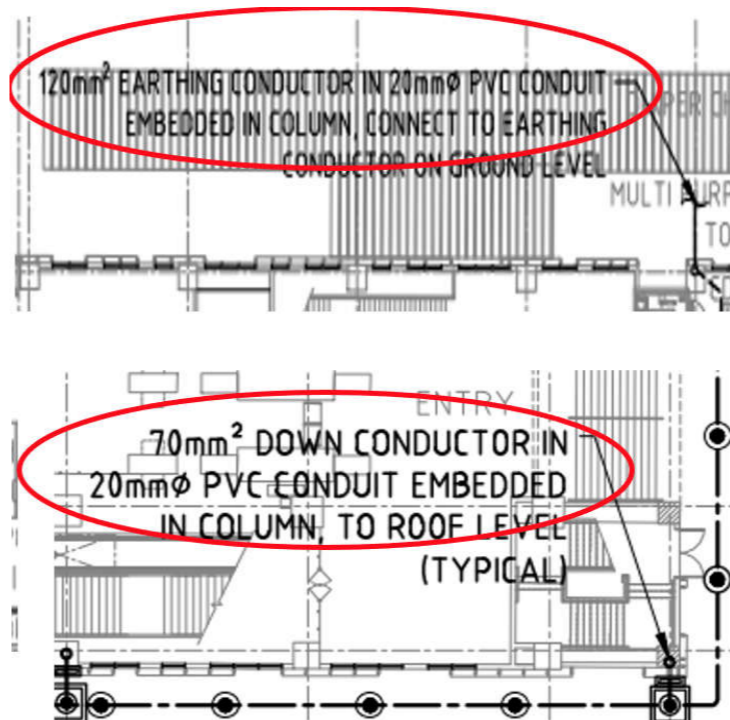
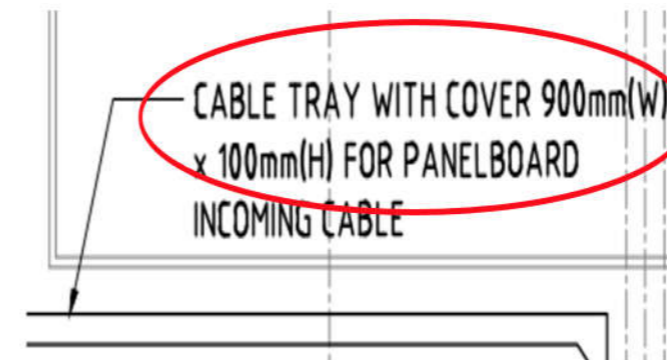
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	NSRP- DWG- BAN -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>GENERATOR 250 kVA 3φ, 60 Hz</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	NSRP- DWG- BAN-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	Transfer switch	 <p>3 SETS 10 RATED L... 4P, NEMA 4 800AF 800AT</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Transfer Switch : ATS 800A</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	NSRP- DWG- BAN-EL- 5011 Bill No.4- 2 BOQ 98 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>FIRE PUMP NO. 1 (DUTY) 60 HP FIRE PUMP NO. 2 (STAND-BY) 60 HP</p> <p>706(18)ah BAN-TP-CP assembly 1.00</p> <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>

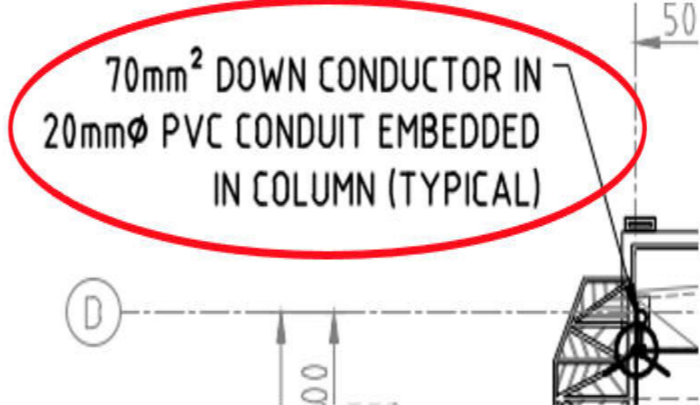
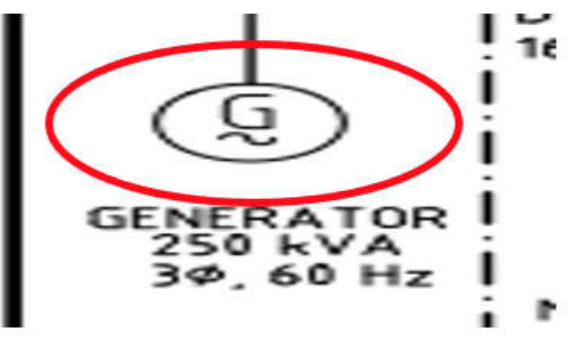
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	NSRP- DWG- BAN-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	NSRP- DWG- BAN-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING CABLE OF MDB 2 and 4 : (4C x 250mm sq THHN + 1C x 125mm sq TW(G))</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	- NSRP- DWG- BAN -EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>

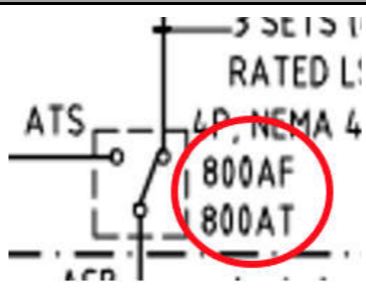
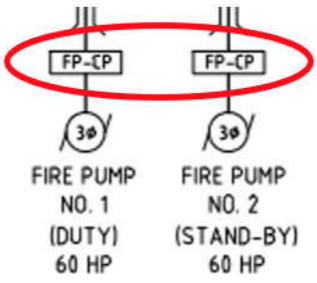
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	- NSRP- DWG- BAN -EL- 5104	EARTING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>120mm² EARTHING CONDUCTOR IN 20mmϕ PVC CONDUIT EMBEDDED IN COLUMN, CONNECT TO EARTHING CONDUCTOR ON GROUND LEVEL</p> <p>70mm² DOWN CONDUCTOR IN 20mmϕ PVC CONDUIT EMBEDDED IN COLUMN, TO ROOF LEVEL (TYPICAL)</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mm sq earthing conductor and 70mm sq down conductor</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	- NSRP- DWG- BAN -EL- 5201	CABLE CONTAINMENT LAYOUT GROUND LEVEL		 <p>CABLE TRAY WITH COVER 900mm(W) x 100mm(H) FOR PANELBOARD INCOMING CABLE</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>


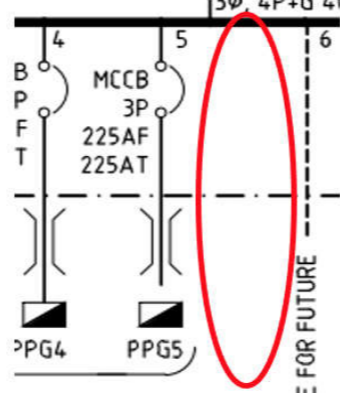
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	- NSRP- DWG- BAN -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB1, MDB2 and FP-DB	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Conductor size (From MDB1 to LPG4,LPC4, and LPC5) : 4C x 30mm sq THHN + 1C x 14mm sq TW(G) - Conductor size (INCOMING WIRE for MDB2) : 4C x .250mm sq THHN + 1C x 125mm sq TW(G) - Conductor size (From FP-DB to DBSF) : 4C x 38mm sq + 1C x 22mm sq (G) Fire Rated LSZH Cable - Conductor size (From FP-DB to DB-GEN) : 4C x 100mm sq + 1C x 60mm sq (G) Fire Rated LSZH Cable 	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- BAN-EL.	- NSRP- DWG- BAN -EL- 5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - 70sq DOWN CONDUCTOR 	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items;</p> <ul style="list-style-type: none"> - Generator 	<i>Please refer to GBB No. 11</i>

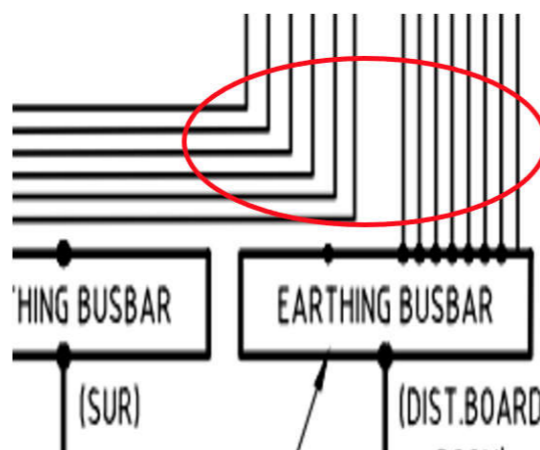
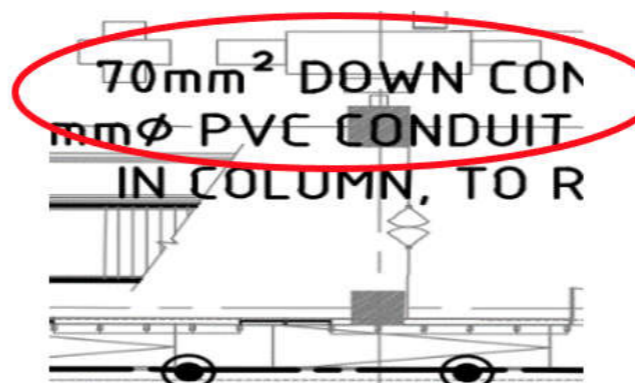

CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response				
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB-EL- 5011 Bill No.4- 1 BOQ 65 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	Transfer switch	 <table border="1" data-bbox="1498 546 2151 703"> <tr> <td>718(1)a</td> <td>ATS, 150, 3P+N</td> </tr> <tr> <td>718(1)b</td> <td>ATS, 1200A, 4P in NEMA 4x Enclosure</td> </tr> </table> <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	718(1)a	ATS, 150, 3P+N	718(1)b	ATS, 1200A, 4P in NEMA 4x Enclosure	<i>Please refer to GBB No. 11</i>
718(1)a	ATS, 150, 3P+N										
718(1)b	ATS, 1200A, 4P in NEMA 4x Enclosure										
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB -EL- 5011 Bill No.4- 1 BOQ 64 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <table border="1" data-bbox="1484 1249 2166 1354"> <tr> <td>706(17)aq</td> <td>CAB-FP-CP</td> <td>assembly</td> <td>1.00</td> </tr> </table> <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	706(17)aq	CAB-FP-CP	assembly	1.00	<i>Please refer to GBB No. 11</i>
706(17)aq	CAB-FP-CP	assembly	1.00								

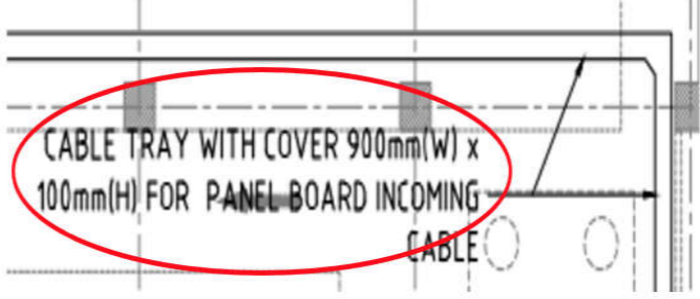
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING CABLE OF MDB1 : (4C x 100mm sq THHN + 1C x 50mm sq TW(G))</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	NSRP- DWG- CAB -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	MDB3	 <p>We can't find out the item in the relevant drawings. But the items are in the BOQ. Please clarify that as following items; - PPG6</p>	<i>Please refer to GBB No. 11</i>

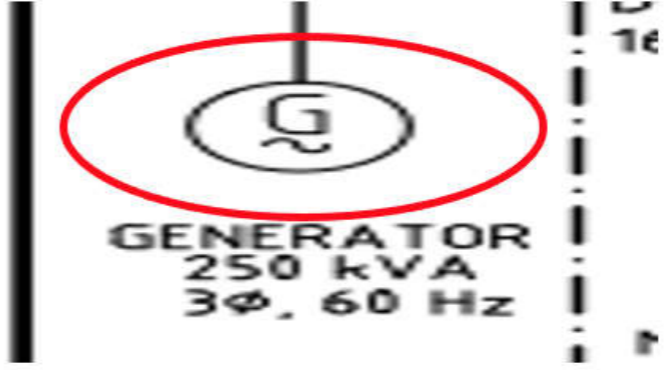
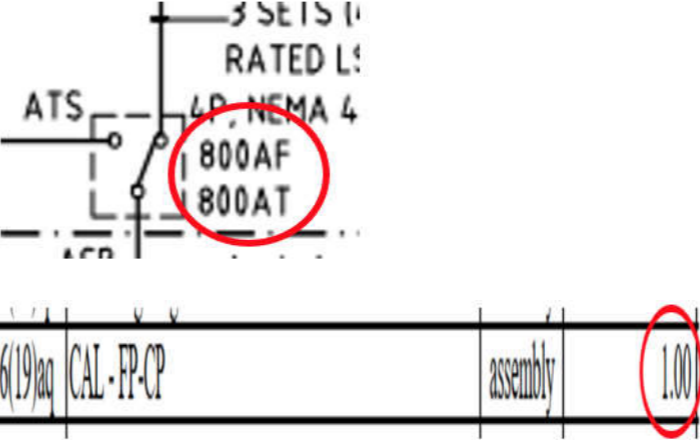
CP S04-07 Responses to Clarification Requests (Batch 4)

Package	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>The diagram shows a 'HING BUSBAR' connected to '(SUR)' and an 'EARTHING BUSBAR' connected to '(DIST. BOARD)'. A red circle highlights the connection points between the busbars and the ground level.</p> <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5104	EARTINGING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>The diagram shows a cross-section of a column with an earthing conductor. The text '70mm² DOWN CONDUCTOR' is circled in red.</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq down conductor</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5104	EARTINGING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>The diagram shows a cross-section of a toilet column with an earthing conductor. The text 'EARTHING CONDUCTOR' is circled in red.</p> <p>Please clarify that as following item because the size of item is not marked ; - Earthing conductor</p>	<i>Please refer to GBB No. 11</i>


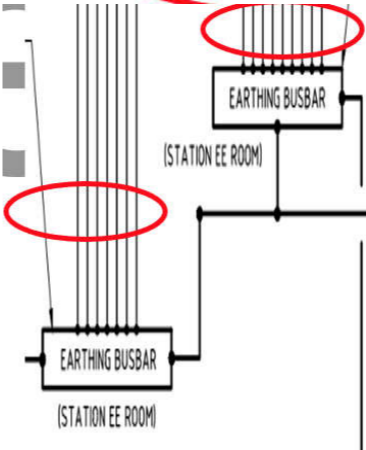
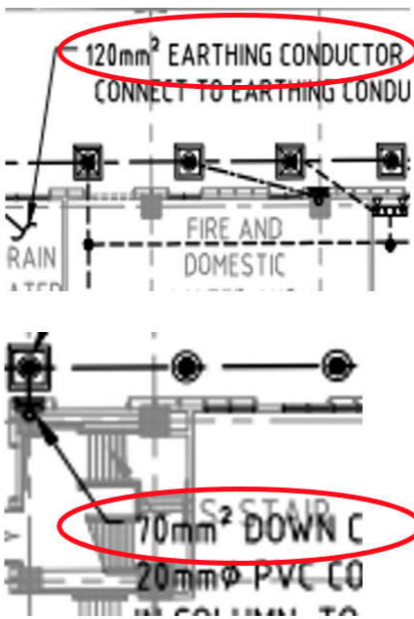
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S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5201	CABLE CONTAINMENT LAYOUT GROUND LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB1,MDB2, and MDB3	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From MDB1 to LPG4) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - Conductor size (From MDB2 to LPC5) : 4C x 30mm sq THHN + 1C x 14mm sq TW (G) - Conductor size (From MDB3 to PPG4) : 4C x 38mm sq THHN + 1C x 22mm sq TW (G)</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID FP-DB	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From FP-DB to DBSF) : 4C x 80mm sq + 1C x 38mm sq (G) Fire Rated LSZH Cable - Conductor size (From FP-DB to DB-GEN) : 4C x 150mm sq + 1C x 80mm sq (G) Fire Rated LSZH Cable</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAB-EL.	- NSRP- DWG- CAB -EL- 5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq DOWN CONDUCTOR</p>	<i>Please refer to GBB No. 11</i>

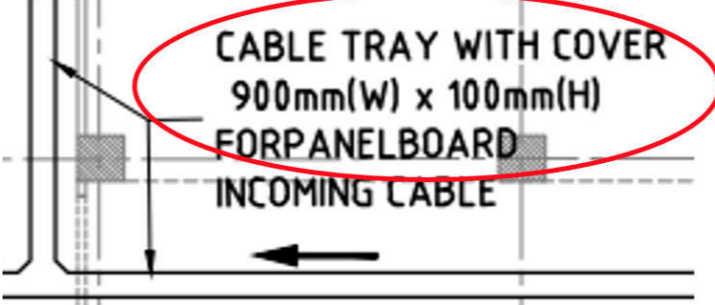
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	NSRP- DWG- CAL-EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Generator</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	NSRP- DWG- CAL-EL- 5011 Bill No.4- 3 BOQ 139 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1	Transfer switch	 <p>There is discrepancy between BOQ and design drawing. - in BOQ : 1200A - in Desing drawing : 800A Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	NSRP- DWG- CAL -EL- 5011 Bill No.4- 3 BOQ 138 page	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>There is discrepancy between BOQ and design drawing. - in BOQ : 1 ea - in Desing drawing : 2ea Please clarify above item.</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	NSRP- DWG- CAL -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - DB-GEN</p>	<i>Please refer to GBB No. 11</i>

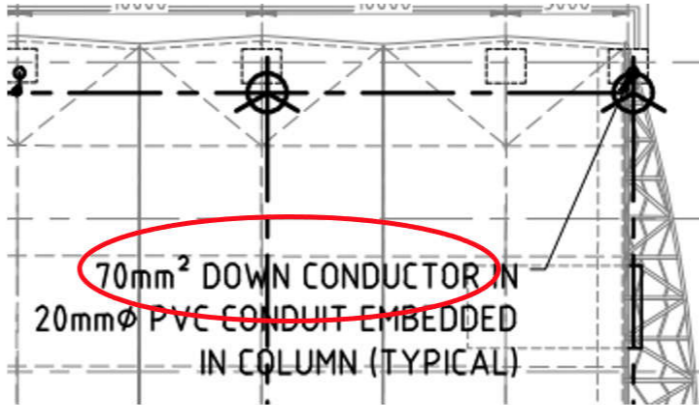
CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	NSRP- DWG- CAL -EL- 5011	LOW VOLTAGE POWER SINGLE LINE DIAGRAM 1		 <p>W E P I - T - 1</p> <p>mm sq IN +</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5101~510 3	EARTHING SCHEMATIC GROUND LEVEL AND CONCOURSE LEVEL		 <p>We can't find out some items in the BOQ because the specification of items are not in the relevant drawings. Please clarify that as following items; - Earthing cables</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5104	EARTINGING INSTALLATION LAYOUT GROUND AND CONCOURSE LEVEL		 <p>120mm² EARTHING CONDUCTOR CONNECT TO EARTHING CONDU</p> <p>RAIN FIRE AND DOMESTIC</p> <p>70mm² DOWN C 20mmφ PVC CO</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 120mmsq earthing conductor and 70mmsq down conductor</p>	<i>Please refer to GBB No. 11</i>

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S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5201 ~5203	CABLE CONTAINMENT LAYOUT GROUND LEVEL / CONCOURSE LEVEL		 <p>CABLE TRAY WITH COVER 900mm(W) x 100mm(H) FOR PANELBOARD INCOMING CABLE</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Cable Tray without cover 900mm(W)x 100mm(H)</p>	<i>Please refer to GBB No. 11</i>																																			
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5500	PANELBOARD LOAD SCHEDULE SHEET 1	Panel ID MDB5	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From MDB5 to PPC1) : 4C x 100mm sq THHN + 1C x 50mm sq TW (G) - Conductor size (From MDB5 to PPC2,5,6) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G)</p>	<i>Please refer to GBB No. 11</i>																																			
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5501	PANELBOARD LOAD SCHEDULE SHEET 2	Panel ID FROM FP-DB TO DB-GEN	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor size (From FP-DB to DB-GEN) : 4C x 150mm sq + 1C x 60mm sq (G) Fire Rated LSZH Cable</p>	<i>Please refer to GBB No. 11</i>																																			
S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5507	PANELBOARD LOAD SCHEDULE SHEET 8		<table border="1" data-bbox="1498 1228 2077 1606"> <thead> <tr> <th rowspan="2">DESCRIPTION</th> <th colspan="3">CKT. BKR.</th> <th>WIRE</th> <th>GND</th> </tr> <tr> <th>POLE</th> <th>AF</th> <th>AT</th> <th>mm²</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>CDU-06 - AFC ROOM</td> <td>1</td> <td>100</td> <td>50</td> <td>8.0</td> <td>5.5</td> </tr> <tr> <td>CDU-07 - AFC UPS ROOM</td> <td>1</td> <td>100</td> <td>50</td> <td>8.0</td> <td>5.5</td> </tr> <tr> <td>CDU-07 - AFC UPS ROOM</td> <td>1</td> <td>100</td> <td>50</td> <td>8.0</td> <td>5.5</td> </tr> <tr> <td>CDU-09 - STAFF ROM</td> <td>1</td> <td>100</td> <td>80</td> <td>22.0</td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - FROM PPC2 TO CDU-09 STAFF ROOM: WIRE 22 mm sq</p>	DESCRIPTION	CKT. BKR.			WIRE	GND	POLE	AF	AT	mm ²	mm ²	CDU-06 - AFC ROOM	1	100	50	8.0	5.5	CDU-07 - AFC UPS ROOM	1	100	50	8.0	5.5	CDU-07 - AFC UPS ROOM	1	100	50	8.0	5.5	CDU-09 - STAFF ROM	1	100	80	22.0	8.0	<i>Please refer to GBB No. 11</i>
DESCRIPTION	CKT. BKR.			WIRE	GND																																					
	POLE	AF	AT	mm ²	mm ²																																					
CDU-06 - AFC ROOM	1	100	50	8.0	5.5																																					
CDU-07 - AFC UPS ROOM	1	100	50	8.0	5.5																																					
CDU-07 - AFC UPS ROOM	1	100	50	8.0	5.5																																					
CDU-09 - STAFF ROM	1	100	80	22.0	8.0																																					

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S-06	2	02.Book2. 04-S06 ELEC. CP S-06-03- CAL-EL.	- NSRP- DWG- CAL -EL- 5601	LIGHTNING PROTECTION LAYOUT ROOF LEVEL		 <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 70mm sq DOWN CONDUCTOR</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS15-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS15-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G) 100mm dia IMC</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS15-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<table border="1" data-bbox="1498 1312 2166 1732"> <thead> <tr> <th rowspan="2">DESCRIPTION</th> <th colspan="3">CKT. BKR.</th> <th>WIRE</th> <th>GND</th> </tr> <tr> <th>POL E</th> <th>AF</th> <th>AT</th> <th>mm²</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>CDU-01(MEETING ROOM)</td> <td>1</td> <td>100</td> <td>70</td> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>CDU-02 (SUBSTATION)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>CDU-02 (SUBSTATION)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	DESCRIPTION	CKT. BKR.			WIRE	GND	POL E	AF	AT	mm ²	mm ²	CDU-01(MEETING ROOM)	1	100	70	14.0	8.0	CDU-02 (SUBSTATION)	1	100	60	14.0	8.0	CDU-02 (SUBSTATION)	1	100	60	14.0	8.0	<i>Please refer to GBB No. 11</i>
DESCRIPTION	CKT. BKR.			WIRE	GND																															
	POL E	AF	AT	mm ²	mm ²																															
CDU-01(MEETING ROOM)	1	100	70	14.0	8.0																															
CDU-02 (SUBSTATION)	1	100	60	14.0	8.0																															
CDU-02 (SUBSTATION)	1	100	60	14.0	8.0																															

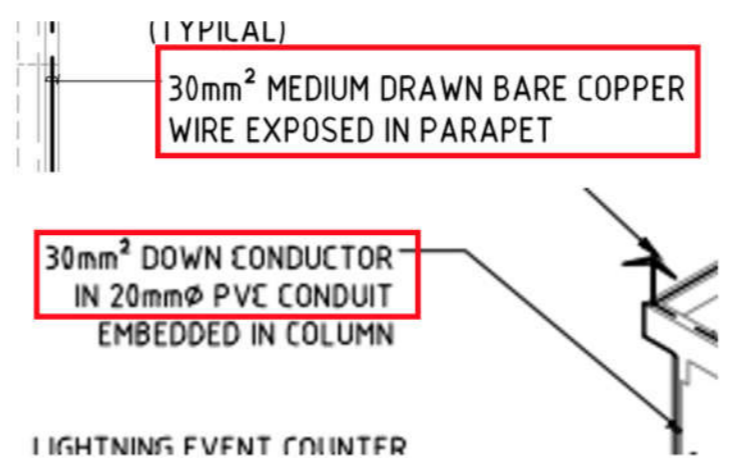
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Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS15-EL- 5500	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		<p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS16-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE - 90mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS16-EL- 5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 100mm sq THHN + 1C x 60mm sq TW (G) 900mm dia IMC</p>	<i>Please refer to GBB No. 11</i>

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S-06	2	02.Book2.04-S05 ELEC. CPS-06-03-SS_Electrical_SS_15-18	NSRP-DWG-SS16-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID PP1	<table border="1"> <thead> <tr> <th rowspan="2">DESCRIPTION</th> <th colspan="3">CKT. BKR.</th> <th>WIRE</th> <th>GND</th> </tr> <tr> <th>POL E</th> <th>AF</th> <th>AT</th> <th>mm²</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>CDU-01(MEETING ROOM)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>CDU-02 (SUBSTATION)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	DESCRIPTION	CKT. BKR.			WIRE	GND	POL E	AF	AT	mm ²	mm ²	CDU-01(MEETING ROOM)	1	100	60	14.0	8.0	CDU-02 (SUBSTATION)	1	100	60	14.0	8.0	<i>Please refer to GBB No. 11</i>
DESCRIPTION	CKT. BKR.			WIRE	GND																									
	POL E	AF	AT	mm ²	mm ²																									
CDU-01(MEETING ROOM)	1	100	60	14.0	8.0																									
CDU-02 (SUBSTATION)	1	100	60	14.0	8.0																									
S-06	2	02.Book2.04-S05 ELEC. CPS-06-03-SS_Electrical_SS_15-18	NSRP-DWG-SS16-EL-5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		<p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmϕ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>																							
S-06	2	02.Book2.04-S05 ELEC. CPS-06-03-SS_Electrical_SS_15-18	NSRP-DWG-SS17-EL-5500	ELECTRICLA PANELBOARD LOAD SCHEDULE	Panel ID LP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - INCOMING WIRE(4C x 150mm sq THHN + 1C x 80mm sq TW(G) - 100mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>																							

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S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS17-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		 <p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS18-EL- 5500	ELECTRICAL PANELBOARD LOAD SCHEDULE	Panel ID LP1/LPE	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 40mm dia IMC Conduit for INCOMING WIRE</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS18-EL- 5500	ELECTRICAL PANELBOARD LOAD SCHEDULE	Panel ID PP1	<p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Conductor and Conduit size (Incoming wire for PP1) : 4C x 150mm sq THHN + 1C x 80mm sq TW (G) 100mm dia IMC</p>	<i>Please refer to GBB No. 11</i>																													
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS18-EL- 5500	ELECTRICAL PANELBOARD LOAD SCHEDULE	Panel ID PP1	<table border="1" data-bbox="1484 1365 2136 1764"> <thead> <tr> <th rowspan="2">DESCRIPTION</th> <th colspan="3">CKT. BKR.</th> <th>WIRE</th> <th>GND</th> </tr> <tr> <th>POL E</th> <th>AF</th> <th>AT</th> <th>mm²</th> <th>mm²</th> </tr> </thead> <tbody> <tr> <td>CDU-01(MEETING ROOM)</td> <td>1</td> <td>100</td> <td>70</td> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>CDU-02 (SUBSTATION)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> <tr> <td>CDU-02 (SUBSTATION)</td> <td>1</td> <td>100</td> <td>60</td> <td>14.0</td> <td>8.0</td> </tr> </tbody> </table> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - Grounding cable (8mm sq)</p>	DESCRIPTION	CKT. BKR.			WIRE	GND	POL E	AF	AT	mm ²	mm ²	CDU-01(MEETING ROOM)	1	100	70	14.0	8.0	CDU-02 (SUBSTATION)	1	100	60	14.0	8.0	CDU-02 (SUBSTATION)	1	100	60	14.0	8.0	<i>Please refer to GBB No. 11</i>
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CP S04-07 Responses to Clarification Requests (Batch 4)

Packages	Vol	Sec	Page No.	Clause No./Title	Reference Text (if necessary)	Clarification Request	Final Response
S-06	2	02.Book2. 04-S05 ELEC. CPS-06-03- SS_Electrical_S S_15-18	NSRP- DWG- SS18-EL- 5601	ELECTRICAL LIGHTNING INSTALLATION LAYOUT ROOF LEVEL		<p>(TYPICAL) 30mm² MEDIUM DRAWN BARE COPPER WIRE EXPOSED IN PARAPET</p> <p>30mm² DOWN CONDUCTOR IN 20mmØ PVC CONDUIT EMBEDDED IN COLUMN</p> <p>LIGHTNING EVENT COUNTER</p> <p>We can't find out some items in the BOQ. But the items are in the relevant drawings. Please clarify that as following items; - 30mm sq medium drawn bare copper wire and 30mm sq down conductor - 20mm dia PVC Conduit</p>	<i>Please refer to GBB No. 11</i>