

ANNEX "A"
Responses to Clarification Requests (Batch 3)
General Bid Bulletin No. 11

**MALOLOS-CLARK RAILWAY PROJECT (BLUMENTRITT EXTENSION) AND SOUTH
COMMUTER RAILWAY PROJECT for PACKAGES CP S-01 AND CPS-02; CONSTRUCTION OF
CIVIL STRUCTURES: VIADUCTS, BRIDGES AND FOUR STATIONS**

CP S01-S02 Responses to Clarification Requests (Batch 3)

| No. | Packages | Vol | Sec | Page No. | Clause No./Title | Reference Text (if necessary) | Clarification Request | Final Response |
|-----|----------|--------|----------------------|----------|--|--|--|---|
| 1 | ALL | Vol. 1 | Sec. 4 Bidding Forms | BF 10 | Tables of Adjustment Data | * Note: Employer shall provide details of local indices | We kindly request the Employer to provide the details of local indices. | Please refer to revised Bidding Document issued under Addendum 2 |
| 2 | S-01 | Vol. 2 | Sec. 2 | 18 | NSRP-DWG-BC06-ST-7061 | Typical longitudinal section along control line | In the table the Segment length along control line is missing. Could you please provide | Please refer to updated drawings (Rev 21.2) |
| 3 | S-01 | Vol. 2 | Sec. 2 | 11 | NSRP-DWG-VIA01-ST-0101 | Pier type BC06-1, BC05-1 | Drawing NSRP-DWG-VIA00-ST-0400 is not identifying the pier types BC06-1 and BC05-1 please provide dimensions of the pier and pierhead. | Dimensions of pier and pier head are shown in the following drawings: BC05 concrete details NSRP-DWG-BC05-ST-6021 Rev 21 NSRP-DWG-BC05-ST-6022 Rev 21 NSRP-DWG-BC05-ST-6031 Rev 21 BC06 concrete details NSRP-DWG-BC06-ST-7021 Rev 21 NSRP-DWG-BC06-ST-7022 Rev 21 NSRP-DWG-BC06-ST-7031 Rev 21.1 |
| 4 | S-01 | Vol. 2 | Sec. 2 | 21 | NSRP-DWG-VIA01-ST-0304 | NSRP R.O.W | Please note that the culvert is not within the ROW of NSRP. Please confirm DOTR has approval for the encroachment. | Cross section has been updated showing the culvert within the NSRP ROW. Please refer to drawing NSRP-DWG-VIA01-ST-0304 Rev 21.2 |
| 5 | S-01 | Vol. 2 | Sec. 2 | 16 | NSRP-DWG-VIA00-DR-0503 | Reinforcement continuous through joint | Please advise the location of the expansion joints | Expansion joint shall be provided. This will be reflected in a next addendum. |
| 6 | S-01 | Vol. 2 | Sec. 2 | 7 | NSRP-DWG-VIA00-DR-0455 | Connector road | Please provide constructions schedule of the connector road contractor to prevent clashes between piers and launching girder | Please refer to the drawings from NSRP-VIA01-ST-0303 to NSRP-VIA01-ST-0312 which are showing clearance between the Connector Road and CPS-01. |
| 7 | S-01 | Vol. 2 | Sec. 2 | GS 55 | 2.2 SCRIP General Specification 201001 | Night time working may only be carried out after approval has been granted by the Engineer. Any request must be submitted at least 14 days in advance, and must include details of the noise mitigation measures to be adopted and evidence of public /LGU consultation. | Please note that package S-01 falls in the area of manila traffic ban between 5PM-10PM and 5AM-10AM. Hence the best possible working hours are in the night time for brining in materials, concreting works and hauling of soil. Kindly confirm if night time works will be allowed for concreting, hauling materials, rebar fixing, precast segment delivery and installation. | It will be coordinated by the DOTr and the Contractor jointly with the MMDA. |
| 8 | S-01 | Vol. 1 | Sec. 3 | EQC 27 | 2.4.2. Construction Experience in Key Activities | Construction of a Viaduct for a Railway or Road (Expressway or Motorway) with a length of at least 2 km in a single contract, built using precast segmental span by span techniques and with bored or precast piling and reinforced concrete pile caps and piers | If the bidder uses a subcontractor specialist as key activities, is it permissible to attach the work experience of the subcontractor specialist for "segmental span by span techniques" work only, and "bored or precast piling and reinforced concrete pile cap and pier" by the bidder. Is it acceptable? Or, Does using the experience of specialist subcontractors have to contract as a whole from "segmental span by span techniques and with bored or precast piling and reinforced concrete pile caps and pier"? | Please refer to updated EQC issued under Addendum 02 |
| 9 | S-01 | Vol.2 | Sec. 6 - III | Page 6 | Relocation of Utilities | Relocation of the utilities will be the responsibility of the utility owners, but some civil engineering work may be required of the Contractor if not done under enabling works. | Please specify the utilities that will be the responsibility of the Contractor. | All known utilities conflicted with structures shall be relocated by the utility providers except noted otherwise. |
| 10 | S-01 | Vol. 2 | Sec. 6-IA | SOW 7 | Initial Preparatory Works | Demolition of buildings, structures and obstruction existing in the area handed over to the Contractor and removal/ disposal of any material or wreckage. | Please clarify about the time schedule of demolition works and coordination with Contractor. | It is stated Bill No.8 Schedule of Provisional Sum that Demolition and Clearing of Affected Houses under RAP. After the relocation of affected residents living along the PNR Right of Way, the Contractor shall raze, remove and dispose houses along the project railway alignment in coordination with the local authorities to accommodate the project construction. Bidder shall estimate reasonable assumption for his program. |

CP S01-S02 Responses to Clarification Requests (Batch 3)

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| 11 | S-01 | Vol. 1 | Sec. 4 Bidding Forms | BF 12 | Bid Security Bank Guarantee | under Invitation for Bids No. [please specify] ("the IFB"). | As per BDS 1.1, The number of Invitation for Bids (IFB) is indicated as "None". In the Bid Security, the Invitation for Bids No. [please specify] ("the IFB") has been requested. Please specify the Invitation for Bid No. | Please indicate Invitation For Bid No. 20-034-7 |
| 12 | S-01 | Vol. 1 | Sec. 4 Bidding Forms | BF 28 | 4. Precast Concrete Segment Fabrication and Erection | A narrative giving comprehensive details of the production cycle for one single standard size (400 m) Segmental Box Girder including curing etc, including a brief description of the Quality Assurance system that will be adopted for all pre-cast. | The Bidders shall submit a narrative giving comprehensive details of the production cycle for one single standard size Segmental Box Girder. The length of the single standard size has been stated as 400 m. Please confirm that it should be 40 m as indicated in the drawings. | Bidder is advised that the bid document will be amended as part of Addendum 2 on page BR8 item 4 from one single standard size (400m) Segmental Box Girder to one single standard size (40m) Segmental Box Girder |
| 13 | S-01 | Vol. 3 | Sec. 8 Particular Conditions of Contract | PCC 9 | ATTACHMENT 1 SUMMARY OF KEY DATES | AD 01 Handback of piers P-1N and P-1S from NSCR CP 01 after installation of segmental girders No. of Days from Commencement 700 | The no. of days from commencement for KD 01-1 (KD 01-1 Piers P-1N and P-1S, Complete all work excluding the installation of bearings, and hand area over to NSCR CP 01) is 853 days. On the other hand, the no. of days from commencement for AD 01 is 700 days. We believe that the AD 01 should be later than KD 01-1. Please confirm. | Access dates table will be removed and revised document issued in Addendum 2 |
| 14 | S-01 | Vol. 1A / Part 1 / | Sec. 4A Bill N.8 Schedule of Provisional Sums | | PS-4 | Historical PNR Structure Protection/Relocation/Demolition The Contractor shall be responsible for the protection, relocation or demolition of all PNR old train stations and bridges along the project railway alignment, in accordance with the Philippines law and the governing Environmental Impact Statement (EIS) Report as reference guidelines. Careful removal and relocation of Historic Structures and Buildings and reassembly / rebuilding in specified locations. Keep Buildings/Structures intact, move to store, relocate on site later. Keep Buildings/Structures intact, move to store, to be exhibited off site. | In line with the understanding of the PS-1 above, the Bidder assumes that the Employer will duly instruct the prescribed work items under the PS-4 pursuant to the Clause 13 of Conditions of Contract prior to the contractor's undertaking of any such work items. However, as an experienced contractor, the Bidder states that the handling of archaeological artifacts bears a very delicate process and very costly; likewise, it often impacts the Time for Completion. The Bidder is of the opinion that the values assigned to PS-4 are regarded low in consideration of the onerous process for the archaeological interests. However, as an experienced contractor, the Bidder states that the handling of archaeological artifacts bears a very delicate process and very costly; likewise, it often impacts the Time for Completion. The Bidder is of the opinion that the values assigned to PS-4 are regarded low in consideration of the onerous process for the archaeological interests. The Employer is kindly requested to clarify. | Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in Addendum 3 |
| 15 | S-01 | Vol. 3 / Part III / | Sec. 8 - Particular Conditions of Contract | PCC 4 | 14.3(c) | Percentage of Retention - Five per cent (5%) | The Employer is kindly requested to clarify whether the retention will be held in cash or against a bank guarantee letter. | Bidder is advised to refer to FIDIC, Clause 14.9 Payment of Retention Money |
| 16 | S-01 | Vol. 2 & Part II | Sec. 6 - II: Drawings | "02_CP S-01_VIA00" - 29 | NSRP-DWG-VIA00-ST-0401 | BEARING GROUT PAD DETAILS REFER DWG No VIA00-ST-0782 | The elastomeric bearings for 3500c3500 mm pear cap refer to VIA00-ST-0782, but the tender documents do not include the drawing of VIA00-ST-0782. Please, kindly provide the mentioned drawing. | VIA00-ST-0782 will be revised to VIA00-ST-0781 and issued as Addendum 2 |
| 17 | S-01 | Vol. 2 & Part II | Sec. 6 - II: Drawings | "02_CP S-01_VIA00" - 56 | NSRP-DWG-VIA00-ST-0781 | | There is a table for type 3 elastomeric bearings. On the other hand, the BOQ does not include type 3. Please provide the number of the elastomeric bearings type 3. | Bearings shall be Types 1 and 2 only. The table on the Drawing shall be revised and the Revised Drawing shall be issued as Addendum 2. |
| 18 | S-01 | Vol. 2, Part II, | Sec. 6, II Drawings | 71,72 | NSRP-DWG-BLU-AR-3561, NSRP-DWG-BLU-AR-3562 | | Referring to "Blumentritt Station, Schedule of Doors - Sheet 1", there are remarks on some doors as "With Master Key Electronic Key System". However, this is not reflected in the Bill of Quantities. Please clarify. | It is confirmed that Master Key System is required. Hence, the BOQ shall be updated to include the Master Key System & the Updated BOQ shall be issued as Addendum 2. |
| 19 | S-01 | Vol.1A | Sec.4A | | | | In the Electrical sections of the BOQ, the contractor couldn't recognize any medium voltage scope. Please clarify if any medium voltage works are included in scope. | The CP S-01, Blumentritt Station Electrical Works do not cover the medium voltage works. |
| 20 | S-01 | Vol. 1 Part I | Sec. 4A | | Preamble 6 | 6. A rate or price shall be entered against each item in the priced Bills of Quantities, whether quantities are inserted by the Contractor or not. Any item of work included in the Bills of Quantities for which no rate or price was specified shall be considered as included in other rates and prices in the Bills of Quantities and will not be paid for separately. | Can you please confirm if the new rates will be determined by the engineer for the items not found in the BOQ although it is specified in the drawing or specification. | Item of Works reflected or specified in the Drawings should be included in the BOQ. Additional Item of Works - as maybe required shall be in the Updated BOQ which shall be issued as Addendum. |

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| 21 | S-01 | Vol. 1 | Sec. 4 Bidding Forms | BF 17 | Key Personnel | Experience in Railway Projects (Years) | <p>According to Section 3 Evaluation and Qualification Criteria 2.4.1 Contracts of Similar Size and Nature, The similar work is described as Road or Railway project of continuous nature.</p> <p>On the other hand, for Key Personnel qualification, only experience in railway projects are specified. Considering the similar work description above, we kindly request you to change the criterion for Key Personnel as Experience in Road and Railway Projects.</p> | <p>Please note that Contracts of Similar Size and Nature is not the only qualification requirement.</p> <p>No relaxation on the Key Personnel qualification will be granted.</p> |
| 22 | ALL | Vol. 1A Part 1 | Sec. 4A BOQ | | GS118(14) Demolition of Historical Structures and Building | | <p>With reference to Pay Item "GS118(14)" Lump Sum amount is requested for the demolition of historical structures and buildings.</p> <p>Can you please provide the schedule and exact location of buildings to be demolished?</p> | <p>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in Addendum 3</p> |
| 23 | ALL | Vol. 1A Part 1 | Sec. 4A BOQ | | GS118(14) Demolition of Historical Structures and Building | Demolition of Historical Structures and Building | <p>With reference to Pay Item "GS118(14)" Lump Sum amount is requested for the demolition of historical structures and buildings</p> <p>Can you please provide the schedule of buildings to be demolished?</p> | <p>Correlation between BOQ and Provision Sums for historic structures is under reassessment and will be advised to bidders in Addendum 3</p> |
| 24 | S-02 | Vol. 1 | Sec. 3 Evaluation and Qualification Criteria | EQC 6 | 1.2.3.1 | (13) Specialists – within each Method Statement | <p>As per Sub-Criteria for Key Personnel, it is stated as CVs for "(13) Specialists – within each Method Statement" for key factors to be considered for the sub-criteria in order of importance. On the other hand, in Volume 1-Section 4 Bidding Forms and in Volume 2- Section 6 Personnel Requirements, the (13) Specialists – within each Method Statement has not been indicated. We understand that only the CVs for key personnel is required as indicated in Volume 1-Section 4 Bidding Forms and Volume 2- Section 6 Personnel Requirements.</p> <p>Please confirm.</p> | <p>The bidder's understanding is correct and reference to item 13 Specialists in CP S02 Volume 1 Part 1, Section 3 Evaluation and Qualification Criteria, Clause 1.2.3.1 item 1.2 Key Personnel, will be removed and issued as part of Addendum 2.</p> |
| 25 | S-02 | Vol. 1 | Sec. 4 Bidding Forms | BF 42 | | BIM and CMMS Implementation | <p>In addition to released design sheets, temporarily published .mwd format Autodesk Navisworks file which has its copyrights protected by password and time limitation enabling, for design LOD300 federated model is kindly requested if available for better evaluation of main quantities in design to develop more accurate cost estimation & to provide 4D Presentation for the project program.</p> | <p>LOD 300 model will be provided to the winning Bidder.</p> |
| 26 | S-02 | Vol. 1 | Sec. 4 Bidding Forms | BF 42 | | BIM and CMMS Implementation | <p>It is kindly requested for the sake of clarity regarding LOD 300 to LOD 500 model upgrade requirement, if modelling of elements is required for the below listed categories in LOD 500 As-Built.</p> <p>A) Complete rebars in 3D for concrete building structure models & post tensions cable systems for the linear viaducts & bridges.</p> <p>B) Existing and as-built site conditions stake holder's entity models including road and utilities along the right of way</p> | <p>Contractor to follow the requirements as per BIM Forum Level of Development (LOD) Specification Part I and Commentary For Building Information Models and Data (2018)</p> <p>However 3D modeling of the rebars in the concrete building structure will be on a case a case to basis when needed to resolve some structural conflict with other disciplines.</p> <p>Whenever there are new as-built interface with other stakeholders to provide proper documentation System installed for use by the O & M of the Project Owner.</p> <p>Bidder to refer to Addendum 2 for all documents.</p> |
| 27 | S-02 | Vol. 1 | Sec. 4 Bidding Forms | BF 42 | Bid Security Bank Guarantee | under Invitation for Bids No. [please specify] ("the IFB"). | <p>As per BDS 1.1, The number of the Invitation for Bids (IFB) is indicated as "None". In the Bid Security, the Invitation for Bids No. [please specify] ("the IFB") has been requested. Please specify the Invitation for Bid No.</p> | <p>Please indicate Invitation For Bid No. PB 20-034-7</p> |
| 28 | S-02 | Vol. 3 / Part III / | Sec. 8 - Particular Conditions of Contract | PCC 4 | 14.3(c) | Percentage of Retention - Five percent (5%) | <p>The Employer is requested clarify whether the retention will be held in cash or against a bank guarantee letter.</p> | <p>Bidder is advised to refer to FIDIC, Clause 14.9 Payment of Retention Money</p> |

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| 29 | S-02 | Vol. 3 / Part B - Particular Conditions of Contract | | PCC 11 | 4.6 | At the end of final Paragraph, add the following: "The Contractor shall obtain the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] to reflect in working / shop drawings which will be prepared by the Contractor." He shall coordinate these interfaces through BIM as well as traditional means. A description of the BIM system and its application is provided in the General Specification. | Please kindly clarify that the information in respect of plinths, block-outs, holes, hooks, and other instruments required for the installation and testing of E&M system from CP NS-01 Contractor [E&M Systems and Track Works] will be provided to Contractor in timely manner to facilitate the Contractor to follow the work schedule. | The general principle of interfacing requirement and the responsibility matrix for some general items have been specified in GS 126. The civil contractor is responsible for interfacing with the E&M contractor to determine requirements. |
| 30 | S-02 | Vol. 2 | Sec. 6 – II: Drawings | "02_CP S-02_VIA00" - 38 | NSRP-DWG-VIA00-ST-0401 | BEARING GROUT PAD DETAILS REFER DWG No VIA00-ST-0782 | The elastomeric bearings for 3500x3500 mm pear cap refer to VIA00-ST-0782, but the tender documents do not include the drawing of VIA00-ST-0782. Please, kindly provide the mentioned drawing. | Call out for the bearing plinth shown in pier head plan shall be revised to "NSRP-DWG-VIA00-ST-0781". NSRP-DWG-VIA00-ST-0401 will be issued to bidders as addendum 2 |
| 31 | S-02 | Vol. 2 | Sec. 6 – II: Drawings | "02_CP S-02_VIA00" - 84 | NSRP-DWG-VIA00-ST-0781 | | There is a table for type 3 elastomeric bearings. On the other hand, the BoQ does not include type 3. Please provide the number of the elastomeric bearings type 3. | The BOQ Addendum 1 reflects the required elastomeric bearings which are Type 1 & 2 only. Type 3 Elastomeric Bearings are not required. Please refer to the Updated BOQ in addendum 1. Drawing and Table shall be issued as Addendum 2. |
| 32 | S-02 | Vol. 2 | Sec. 6 – II: Drawings | | "NSRP-DWG-BC01-ST-2055" "NSRP-DWG-BC03-ST-4050" | | There is no information on the design displacements (translations) of the POT bearings. Please provide. | Please refer to Drawings NSRP-DWG-BC01-ST-2055 [Rev 21.2] AND NSRP-DWG-BC03-ST-4050 [Rev 21.2] |
| 33 | S-02 | Vol. 1 | Sec. 3 Evaluation and Qualification Criteria | ECQ 16 | 1.2.3.1 Overall Project Management (Principal Aspect 1) 1.1 Key Personnel | (13) Specialists – within each Method Statement | In Volume 1 section 3, it is mentioned that, the bidder should provide CVs for 13 key personnel, including Specialists – within each Method Statement in the last row. In Volume 1 section 3, it is mentioned that, the bidder should provide CVs for 13 key personnel, including Specialists – within each Method Statement in the last row. However, in Volume 1 section 4 bidding forms page BF19, it is mentioned only 12 positions to submit CVs, except Specialists – within each Method Statement. Tenderer understands that, it is not required to submit CV for Specialists – within each Method Statement. Please kindly confirm. | The bidder's understanding is correct and reference to item 13 Specialists in CP S02 Volume 1 Part 1, Section 3 Evaluation and Qualification Criteria, Clause 1.2.3.1 item 1.2 Key Personnel, will be removed and issued as part of Addendum 2. |
| 34 | S-02 | Vol. 2 – 02_Book 1 (Civil) - 05_CP S-02_UBR | | | | | We are thinking that the document which is shared under Bridge_Viaduct folder, named as "05_CP S-02_UBR" is belongs to Section 03 and the drawings are shared inadvertently. Please could you confirm? | UBR drawing set belongs to Packages CP S-02 and CP S-03a only. |
| 35 | S-02 | Vol. 1 | Sec. 4 Bidding Forms | BF 19 | Key Personnel | Experience in Railway Projects (Years) | According to Section 3 Evaluation and Qualification Criteria 2.4.1 Contracts of Similar Size and Nature, The similar work is described as Road or Railway project of continuous nature. On the other hand, for Key Personnel only experience in railway projects are specified. Considering the similar work description above, we kindly request you to change the criterion for Key Personnel as Experience in Road and Railway Projects. | Please note that Contracts of Similar Size and Nature is not the only qualification requirement. No relaxation on the Key Personnel qualification will be granted. |
| 36 | S-02 | Vol. 2 | | | Fire Detection Alarm System | TS 700 -Electrical Works (710.4.2.11) | Shall we provide Fireman's telephone jack? If yes, we are requesting for updated FDAS Plans | NSRP-DWG-ESP-5701/5702/5704/5705; NSRP-DWG-STM-5701/5702/5703/5704/5705/5706; AND NSRP-DWG-PAC-5701/5704/5704a/5705 are to be Issued as addendum 2 |
| 37 | S-02 | | | | | Pasig River Expressway Construction | How will the Pasig River Expressway impact the alignment of SCRCP CP S-02? | There is no impact for the Pasig River Express way |

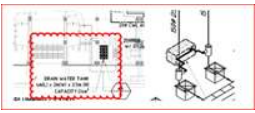

CP S01-S02 Responses to Clarification Requests (Batch 3)

| No. | Packages | Vol | Sec | Page No. | Clause No./Title | Reference Text (if necessary) | Clarification Request | Final Response | | | | | | | | | | | | | | | | | | | | | | | | |
|--|---------------|---|-----------|-------------------------------------|--|-------------------------------|--|--|------------|-------|-----|-------------------------------|---------------|-----------|-----------|--|---------------|---------------|-----------|-------------------------------|-----|---------------|-----------|--------------------------|-----|---------------|-----------|--------------------------|-----|---------------|-----------|--|
| 38 | S-01 | Vol. 2 / CP S-01_04_BLU_ME_PL_SN_FS | | NSRP-DWG-BLU-ME-5663 | Blumentritt Station - Mechanical Equipment Schedule Sheet 3 | | Please provide the Ambient Temperature for Heat Reclaim Ventilation. | Please refer to Design Calculations for reference ambient temperature, which is 37.2 deg C.No Changes to any drawings or TS. Refer to NSRP-CAL-BLU-ME-0066_02 for calculations | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 | S-01 | Vol. 2 / CP S-01_04_BLU_ME_PL_SN_FS | | NSRP-DWG-BLU-ME-5663 | Blumentritt Station - Mechanical Equipment Schedule Sheet 3 | | Please provide the Sequence of operation for Heat Reclaim Ventilation. | New drawing will be provided in addendum 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 40 | S-01 | 1.3a CP S-01 Vol.1A Sec.4A BOQ and Schedule 20200930 | | T/S No. 706 | Item No. 706(1)bf, 706(1)bj, 706(1)bl, 706(1)bm | | Please provide Panelboard Load Schedule/Schematic for the following: 1. BLU - LPM3: Lighting Panel (Multipurpose Area) 2. BLU - PCS (Power Conditioner) 3. BLU - Panelboard for FP 4. BLU - Panelboard for JP | Updated BOQ will be issued in Addendum which reflects deleted Item 706(1)bj, Item Nos. 706(1)bl and 706(1)bm. Item 706(1)bf has already deleted in BOQ of Addendum 1. | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Description</th> <th>Tech Specs</th> <th>Plans</th> <th>BOQ</th> </tr> </thead> <tbody> <tr> <td>Panelboards/Switchgear</td> <td></td> <td></td> <td></td> </tr> <tr> <td>BLU - LPM3: Lighting Panel (Multipurpose Area)</td> <td>N/A</td> <td>Not Specified</td> <td>Specified</td> </tr> <tr> <td>BLU - PCS (Power Conditioner)</td> <td>N/A</td> <td>Not Specified</td> <td>Specified</td> </tr> <tr> <td>BLU - Panelboards for FP</td> <td>N/A</td> <td>Not Specified</td> <td>Specified</td> </tr> <tr> <td>BLU - Panelboards for JP</td> <td>N/A</td> <td>Not Specified</td> <td>Specified</td> </tr> </tbody> </table> | Description | Tech Specs | Plans | BOQ | Panelboards/Switchgear | | | | BLU - LPM3: Lighting Panel (Multipurpose Area) | N/A | Not Specified | Specified | BLU - PCS (Power Conditioner) | N/A | Not Specified | Specified | BLU - Panelboards for FP | N/A | Not Specified | Specified | BLU - Panelboards for JP | N/A | Not Specified | Specified | |
| Description | Tech Specs | Plans | BOQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Panelboards/Switchgear | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLU - LPM3: Lighting Panel (Multipurpose Area) | N/A | Not Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLU - PCS (Power Conditioner) | N/A | Not Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLU - Panelboards for FP | N/A | Not Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| BLU - Panelboards for JP | N/A | Not Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 41 | S-01 | Vol 2. / CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5011 | Blumentritt Station Low Voltage Power Single Line Diagram 1 | | Please provide technical specifications for the following items: 1. Generator Set 2. Automatic Transfer Switch | These shall be UL-listed and NFPA-compliant, and shall also comply with the requirements of the latest edition of the Philippine Electrical Code (PEC) and/or NFPA 110. TS700 will be revised and issued to the Bidders. | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Description</th> <th>Tech Specs</th> <th>Plans</th> <th>BOQ</th> </tr> </thead> <tbody> <tr> <td>Generator Set</td> <td>Not Specified</td> <td>Specified</td> <td>Specified</td> </tr> <tr> <td>Automatic Transfer Switch</td> <td>Not Specified</td> <td>Specified</td> <td>Specified</td> </tr> </tbody> </table> | Description | Tech Specs | Plans | BOQ | Generator Set | Not Specified | Specified | Specified | Automatic Transfer Switch | Not Specified | Specified | Specified | | | | | | | | | | | | | |
| Description | Tech Specs | Plans | BOQ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Generator Set | Not Specified | Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Automatic Transfer Switch | Not Specified | Specified | Specified | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 42 | S-01 | Vol 2. / CP S-01_03_BLU_EL 1.3b CP S-01 Vol.1A Sec.4A BOQ 20200930 | | NSRP-DWG-BLU-EL-5900 T/S No. 706 | Blumentritt Station Photovoltaic Power Generator System Schematic Item No. 706(1)bj | | Please confirm if the future work for Panel PCS (Power Generator) System is out-of-scope when it is included in the Bill of Quantities. | The item for PCS is not covered by the scope of work being for "Future Works". The BOQ shall be revised deleting the BLU-PCS. Revised BOQ shall be issued as Addendum 2. | | | | | | | | | | | | | | | | | | | | | | | | |
| 43 | S-01 | Vol 2. / CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5501 to 5512A | Blumentritt Station Panelboard Load Schedule Sheet 2 to 14 | | Please provide conduit schedule or conduit sizes in the Panelboard Load Schedule. | NSRP-DWG-BLU-EL-5005 will be revised and issued as addendum 2 | | | | | | | | | | | | | | | | | | | | | | | | |
| 44 | S-01 | N/A | N/A | N/A | N/A | | Please confirm if we will include viaduct lighting (including under carriage/viaduct) as it is not specified in Technical Specification, Plans and BOQ | There is no requirement to provide soffit lighting on the viaduct. The BOQ shall not include the viaduct lighting. These works are under E & M. | | | | | | | | | | | | | | | | | | | | | | | | |
| 45 | S-01 | CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5803, 5811 to 5813 | BLUMENTRITT STATION CCTV DIAGRAM & LAYOUT | | Please provide the type of camera to be used in each location for CCTV System | NSRP-DWG-BLU-EL-5001/5803 will be revised and issued as addendum 2 | | | | | | | | | | | | | | | | | | | | | | | | |

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| 46 | S-01 | CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5802 | BLUMENTRITT STATION BMS INPUT/OUTPUT LIST | | Kindly confirm that Ventilation Fan in Station Electrical Room has no BMS point/s. | NSRP-DWG-BLU-EL-5802 will be revised and issued as addendum 2 |
| 47 | S-01 | CP S-01 Vol.1A | Sec.4A BOQ/ Bill No.4 | T/S No.716 | | | Kindly confirm if Fire Detection System equipment & devices to be used is addressable or analog. | This is to confirm that Fire Detection System equipment & devices to be used is addressable type |
| 48 | S-01 | CP S-01 Vol.1A | Sec.4A BOQ/ Bill No.4 | T/S No.716 | | | Kindly provide sequence of operation for FDAS System and interfacing system/equipment/devices (ex. Smoke Evac, Door Slutter, dampers, etc.) | Contractor to validate all integration of subsystems for fire sequence of operation because other subsystems such as public address are by specialist or by others. |
| 49 | S-01 | SCRIP_TS700_Amex A | | 20 | FIRE DETECTION AND ALARM SYSTEM | Fees / costs for Factory Acceptance Tests (FAT) | Please confirm that Factory Acceptance Test (FAT) for FDAS system system is for the equipment/devices only and wires and conduits are excluded. | All equipment shall be built and operating in accordance with the design specifications. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. |
| 50 | S-01 | CP S-01 Vol.1A S | Sec.4A BOQ/ Bill No.4 | T/S No.716/ ITEM No.716(1) | | | Please provide with type of horn/speaker to be used in FDAS system alarm and notification | All fire alarm system components shall be UL-listed and shall comply with the requirements of the latest edition of NFPA. TS700 section 716.1.1 will be revised accordingly and issued as part of the IFC documents. |
| 51 | S-01 | Vol.2 Part 2 | Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWG s | TS70-100 | 710.4.2.11 Emergency Telephone Jack | | Emergency Telephone Jack was mentioned in TS700-100 but none is reflected on bid plans. Is emergency telephone jack included? If yes, kindly provide layout plans with locations of the telephone jacks. | NSRP-DWG-BLU-EL-5701 to 5705 will be revised and issued as addendum 2. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with the requirement in relevant TS |
| 52 | S-01 | SCRIP_Vol.2 Part 2 Sec. 6 IC TS 700 Electrical CP S-01_03_BLU_EL CP S-01 Vol.1A Sec.4A BOQ/ Bill No.4 | | 139 | 715 Security System 715.1 The Work, 715.1.3 Devices BLUMENTRITT STATION CCTV DIAGRAM | | Please clarify which Battery will prevail and will be used. | UPS back up time in bid plans are 2 hours minimum. For stored electrical energy system, refer to the minimum requirement as per NFPA 1111. TS will be revised and issued to the Bidders |
| 53 | S-01 | CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5802 | BLUMENTRITT STATION BMS INPUT/OUTPUT LIST | | Please provide sequence of operation of Building Management System interfacing systems/devices. | Please refer to TS 713 for the BMS requirement and Contractor's scope. |

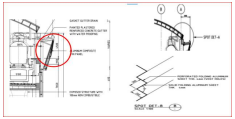
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| 54 | S-01 | CP S-01_03_BLU_EL | | | BLUMENTRITT STATION BMS INPUT/OUTPUT LIST | | Please provide High Level Interfacing points list for BMS System. | Please refer to TS 713 for the BMS requirement and Contractor's scope. |
| 55 | S-01 | CP S-01_03_BLU_EL, CP S-01 Vol.1A | Sec.4A BOQ | NSRP-DWG-BLU-EL-5706 to 5709, TS/No. 717 | BLUMENTRITT STATION/TOILET EMERGENCY CALL SYSTEM SCHEMATIC & LAYOUT | | Please confirm if Factory Acceptance Test (FAT) is included in Toilet Emergency Call System. | All equipment shall be built and operating in accordance with the design specifications. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. |
| 56 | S-01 | SCRP_Vol. 2 Part 2 | Sec. IC TS 600 Mechanical, Sanitary and Plumbing | TS 600 - 82 | Part II - Requirements TS607 - Pipeworks and Accessories | Condensate Drain System | Please confirm if material to be used for Condensate Drain Pipe is Polyvinyl Chloride (PVC) since it is not mentioned in the Technical Specification. | To include in TS 600 and Add Specification in Drawing. To Issue NSRP-DWG-BLU-SN-6001 REV 21.2 |
| 57 | S-01 | SCRP_Vol. 2 Part 2 | Sec. IC TS 600 Mechanical, Sanitary and Plumbing 614.3.4 | 614.3.4, page 125 | Fixture Connection Sizes | Ostomate Sink | Please provide mounting details and pipe sizes of sanitary and waterline stubout for Ostomate Sink. | Details for Ostomate Sink will be issued as addendum 2 |
| 58 | S-01 | Vol-II-Arch-MFPS | | | Storm Drainage Layout | Drain Water Tank | Please provide Piping Layout Plan for the discharge of Drain Water Tank. | Piping Layout plan will be issued as addendum 2 |
| | | | | | | |  | |
| 59 | S-01 | TS TS 600 – Mechanical, Sanitary and Plumbing TS-500 Architectural Works, BOQ- Bill 4 | | page 82 page 60 & 154 Item no.607(3)h to 607(3)i Item no.607(2)b to 607(2)b1 | Storm Drainage Layout | Downspout and Rainwater Pipe | Please clarify the termination of Stainless Steel and PVC Pipe for Downspout and Rainwater Pipe. (All Stations) | Updated drawing showing termination of PVC Pipe and Stainless Steel Pipe will be Issued as NSRP-DWG-BLU-SN-6102 REV 21.2 |
| 60 | S-01 | N/A | N/A | N/A | N/A | BMS Interface | Please provide Sequence of Operation integrated to BMS for the following equipment: 1. Domestic Water Tank 2. Drain Water Tank 3. Wastewater Treatment Plant 4. Sump Pumps 5. Booster Pump | Please refer to NSRP-DWG-BLU-PL-5862 & NSRP-DWG-BLU-SN-6127 Rev 21.2 |
| 61 | S-01 | TS 600 MECHANICAL/ Vol. 2 ; CP S-01_04_BLU_ME_PL_SN_FS ; CP S-01_03_BLU_EL | | TS600 Pg.138-140; NSRP-DWG-BLU-FS-6631;NSRP-DWG-EL-5501 | | Jockey Pump Electrical Specification | Please verify which shall prevail for electrical specification of Jockey Pump. Note: As per supplier, 230V, 1Phase max rated HP is 5.5HP, as per equipment schedule 7.5Hp. | Equipment schedule will prevail. Please refer to NSRP-BLU-FS-6631 REV 21 |
| | | | | | | |  | |

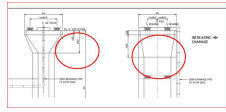
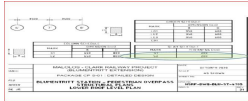
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| 62 | S-01 | CP S-01_04_BLU_ME_PL_SN_FS ; 1.36 CP S-01 Vol.1A Sec.4A BOQ 20200930 Bill | | F.4 Fire Fighting System works -617(2) / NSRP-DWG-BLU-FS-6631 | | Fire Water tank Capacity | Kindly clarify what capacity of tank to be used, which will prevail: | The Fire Tank Capacity on the plan will prevail. Please refer to the addendum 1BOQ, reference drawing NSRP-DWG-BLU-FS-6631 Rev 21. PLAN-120CUM BOQ 120CUM. | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Technical Specification</th> <th>Plan</th> <th>BOQ</th> </tr> </thead> <tbody> <tr> <td>Not Mentioned</td> <td>60 CU.M</td> <td>120 CU.M</td> </tr> </tbody> </table> | Technical Specification | Plan | BOQ | Not Mentioned | 60 CU.M | 120 CU.M | | |
| Technical Specification | Plan | BOQ | | | | | | | | | | | | | |
| Not Mentioned | 60 CU.M | 120 CU.M | | | | | | | | | | | | | |
| 63 | S-01 | TS 600 MECHANICAL/ Vol. 2 ; CP S-01_04_BLU_ME_PL_SN_FS | | Page 182 Page 194 NSRP-DWG-PSS-FS-6601 NSRP-DWG-PSS1-FS-6608 NSRP-DWG-PSS2-FS-6608 | | Clean agent | Please verify which shall prevail for the type of Suppression System | The Bid Plan drawing will prevail. Suppression System will be NOVEC 1230. TS will be updated and issued to the Bidders | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Technical Specs</th> <th>Plan</th> <th>BOQ</th> </tr> </thead> <tbody> <tr> <td>CO2 Gas Suppression System</td> <td>Halogen Fire Suppression System</td> <td>NOVEC 1230</td> <td>NOVEC 1230</td> </tr> </tbody> </table> | Technical Specs | Plan | BOQ | CO2 Gas Suppression System | Halogen Fire Suppression System | NOVEC 1230 | NOVEC 1230 | |
| Technical Specs | Plan | BOQ | | | | | | | | | | | | | |
| CO2 Gas Suppression System | Halogen Fire Suppression System | NOVEC 1230 | NOVEC 1230 | | | | | | | | | | | | |
| 64 | S-01 | N/A | N/A | N/A | N/A | BMS Interface | Please provide Sequence of Operation integrated to BMS for the following equipments: 1. Fire Pumps 2. Jockey pump 3. Fire water tank | Please refer to NSRP-DWG-BLU-FS-6632 Rev 21.2 | | | | | | | |
| 65 | S-01 | N/A | N/A | N/A | N/A | Sprinkler head K-factor | Sprinkler head K-factor | K=5.6. TS 600 will be updated | | | | | | | |
| 66 | S-01 | TS 600 MECHANICAL/ Vol. 2 | | TS600 Pg.175 | | "The automatic sprinkler system shall be supplied and installed in accordance with JIS requirements, as well as complying with the requirements of the local Authorities." | Please Clarify the Reference Standard Since it was mentioned that the automatic sprinkler system and all equipment, apparatus and components supplied shall be supplied and installed in accordance with JIS requirements, as well as complying with the requirements of the local Authorities. Kindly advise which reference shall govern. | The automatic sprindler system shall be supplied and installed in accordance with the Fire Code of the Philippines (RFCP) and Philippine Mechanical Engineering Code (PMEC) as well as comply with the requirements of local authority having jurisdiction. TS600 section 630 will be updated accordingly and issued as part of the IFC documents. | | | | | | | |
| 67 | S-01 | TS 600 MECHANICAL/ Volume 2 ; CP S-01_04_BLU_ME_PL_SN_FS / CP S-01_03_BLU_EL ; 1.36 CP S-01 Vol.1A | Sec.4A BOQ 20200930 Bill | F.4 Fire Fighting System works -61(2) / NSRP-DWG-BLU-FS-6631 | | Electric Fire Pumps | Please verify RPM and Capacity of the Fire pump. | The Fire Pump Capacity on the plan will prevail. Please refer to the Addendum 1 BOQ and Drawing NSRP-DWG-BLU-FS-6631 | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Technical Specification</th> <th>Plan</th> <th>BOQ</th> </tr> </thead> <tbody> <tr> <td>440V, 3 phase, 60 Hz, 2500rpm</td> <td>440v, 1500Rpm, 3 phase, Capacity 500 GPM(1893lPM) @ 120 PSI(828 kPa) Discharge pressure</td> <td>Capacity = 940L/min, Discharge Pressure: 799 kPa Approx. 0.70 Mpa @ 0.86MPA</td> </tr> </tbody> </table> | Technical Specification | Plan | BOQ | 440V, 3 phase, 60 Hz, 2500rpm | 440v, 1500Rpm, 3 phase, Capacity 500 GPM(1893lPM) @ 120 PSI(828 kPa) Discharge pressure | Capacity = 940L/min, Discharge Pressure: 799 kPa Approx. 0.70 Mpa @ 0.86MPA | | |
| Technical Specification | Plan | BOQ | | | | | | | | | | | | | |
| 440V, 3 phase, 60 Hz, 2500rpm | 440v, 1500Rpm, 3 phase, Capacity 500 GPM(1893lPM) @ 120 PSI(828 kPa) Discharge pressure | Capacity = 940L/min, Discharge Pressure: 799 kPa Approx. 0.70 Mpa @ 0.86MPA | | | | | | | | | | | | | |


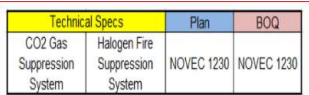
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| 68 | S-01 | Vol. 2/CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5801 & NSRP-DWG-BLU-EL-5802 | Blumentritt Station BMS diagram | N/A | Please provide the type of interfacing of Elevators to BMS system. | Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. BMS is by specialist. |
| 69 | S-01 | Vol. 2/CP S-01_03_BLU_EL | | NSRP-DWG-BLU-EL-5801 & NSRP-DWG-BLU-EL-5802 | Blumentritt Station BMS diagram | N/A | Please provide the type of interfacing of Escalators to BMS system. | Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. BMS is by specialist. |
| 70 | S-01 | Vol. 2/CP S-01_01_BLU_Arch | | NSRP-DWG-BLU-STA-AR - 3522 | General Station - Typical Details Escalator | N/A | Please verify if there is Fire Suppression Requirements for Escalators. | No Need Fire Suppression in Escalator. |
| 71 | S-01 | N/A | N/A | N/A | N/A | N/A | Please confirm if the following equipment require Factory Acceptance Test (FAT): a. Sump pumps and Booster pumps b. Fire Pump & Jockey Pump c. Water Tanks (Domestic Water Tank, Drain Water Tank & Fire Tank) d. Plumbing Fixtures | Factory Acceptance Test is required for a. Sump pumps and Booster pumps b. Fire Pump & Jockey Pump c. Water Tanks (Domestic Water Tank, Drain Water Tank & Fire Tank). Factory Acceptance Test is not required for Plumbing fixtures. |
| 72 | S-01 | SCR_P_Vol. 2 Part 2 | Sec. IC TS 600 Mechanical 2020918 | 28 | 601.1.6 Testing and Commissioning | Factory Acceptance Test (FAT) shall be conducted for all Custom-build Equipment. | Please provide list for custom-build equipment for Mechanical works. | There is no custom build equipment for mechanical equipment. |
| 73 | S-01 | N/A | | N/A | N/A | N/A | Please provide list of representatives/witnesses and other related requirements for FAT. | Owner's Representative, Contractor, Consultant |
| 74 | S-01 | 1.2. Vol.1 | Sec.4 09 November 2020 | BF 42 | BIM and CMMS Implementation | | Kindly provide detailed specifications for the BIM and CMMS Implementation Plan. | Bidder to refer to the following documents: 270235_REP_0010_D9_Info Mgt Plan LWD-ZWD-TDC-BM-000001_Project Specific Procedure Deliverable No. 9 - BIM Information Management Flow |
| 75 | S-01 | Vol. 2 | Sec. 6 Part II Drawings Blumentritt Station Architectural Drawings | NSRP-DWG-BLU-AR-3411; NSRP-DWG-BLU-AR-3412; NSRP-DWG-STA-AR-3503 | Blumentritt Wall Section | | In NSRP-DWG-BLU-AR-3411 to 3412, the material indicated on the wall along platform is aluminum composite panel while in NSRP-DWG-STA-3503, it is labeled as solid folding aluminum sheet. Please confirm which one to follow. | It's Solid folding aluminum sheet with drawing reference NSRP-DWG-STA-3503. Drawings NSRP-DWG-BLU-AR-3411 and 3412 will be issued as addendum 2 |
| | | | | | | |  | |

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|-------------|---------------------------|--|---|--|---|--|--|---|---------------------------|-------------|-------------|--------|-------|--|
| 76 | S-01 | Vol. 2 | Sec. 6 Part II Drawings Viaduct 00 General Details Typical Drawings | NSRP-DWG-VIA00-ST-0481 | Pier Type PSF Concrete Details Sheet 1 | | In Typical Elevation, the pier head depth is 2150 while in Elevation , it is 2150 + 400. Kindly clarify which one will be used. | Correct pier head depth is 2150 as shown in Typical Elevation. Pier head shown in the Elevation shall be revised to 2150. NSRP-DWG-VIA00-ST-0481 shall be revised and issued as addendum 2 | | | | | | |
| | | | | | | |  | | | | | | | |
| 77 | S-01 | Volume 2 Blumentritt Station Structural Drawings | | NSRP-DWG-BLU-ST-4705 | Pedestrian Overpass Lower Roof Level Plan | | May we request for the Girder (CB1) dimensions. | CB1 dimension is 300x700. NSRP-DWG-BLU-ST-4705 will be revised and issued as addendum 2 | | | | | | |
| | | | | | | |  | | | | | | | |
| 78 | S-01 | Vol.1A, | Sec.4A, BOQ | Bill No. 4 | Floor Finishes T/S No. 502 ITEM No. 502(1) | FF10 Floor: T=300mm, Cinder Concrete False Floor | As we review the drawings, we notice that there are no details for Cinder Concrete False floor. May we request for its details and specification. | Refer to CP S-01 NSRP-STA-AR-3502 for Cinder concrete details | | | | | | |
| 79 | S-01 | Vol.1, | Sec.6.L.C, TS-200/ Vol.1A, Sec.5, BOQ | | Clause 201/ Item Nr. 201(4)a | Method of measurement for excavation | Please clarify if remeasurement of excavation includes workspace of sufficient size to permit the placing of formworks for the structures since it was not expressly mentioned in the method of measurement | GS 201.1.1.1 will be appropriately updated to reflect the excavation measurement method and will be issued as part of Addendum 2. | | | | | | |
| 80 | S-01 | Vol.1, | Sect. 2.4.2 | EQC 26, 27 | Construction Exp. In Key Activities | 4. Construction of a Viaduct for a Railway or Road (Expressway or Motorway) with a length of at least 2 km in a single contract, built using pre-cast segmental span to span techniques and with bored or precast piling and reinforced concrete pile caps and piers | Can we have the bored or precast piling and reinforced concrete pile caps and piers experience requirement be complied by our own experience while the requirement for pre-cast segmental span to span techniques be complied by a separate specialist subcontractor? Please confirm. | Please refer to updated EQC issued under Addendum 2 | | | | | | |
| 81 | S-02 | Vol-II-Arch-MFPS Vol-IA- | Sec.4A BOQ | NSRP-DWG-ESP-ME-5608 NSRP-DWG-ESP-ME-5662 BOQ - Bill no. 4-1 | -España Station Ventilation Installation Layout Concourse Level -España Station Equipment Schedule Sheet 2 | Ventilation Installation Layout - Concourse Level Fan Schedule | Please confirm if which EF will prevail for Genset Room. | This must be EF-13. NSRP-DWG-ESP-ME-5608 will be revised and issued as addendum 2 | | | | | | |
| | | | | | | | <table border="1" data-bbox="1321 1241 1574 1353"> <thead> <tr> <th>Location</th> <th>As per Equipment Schedule</th> <th>As per Plan</th> </tr> </thead> <tbody> <tr> <td>Genset Room</td> <td>EF -13</td> <td>EF-16</td> </tr> </tbody> </table> | Location | As per Equipment Schedule | As per Plan | Genset Room | EF -13 | EF-16 | |
| Location | As per Equipment Schedule | As per Plan | | | | | | | | | | | | |
| Genset Room | EF -13 | EF-16 | | | | | | | | | | | | |

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| 82 | S-02 | Vol-II-Arch-MFPS Vol-IA- | Sec.4A BOQ | NSRP-DWG-ESP-ME-5662 NSRP-DWG-STM-ME-5662 NSRP-DWG-PAC-ME-5662 | España station Equipment Schedule | | Please provide the Ambient Temperature for rooms/areas with Heat Reclaim Ventilation (HRV). | For ambient temperature please refer to design calculations NSRP-CAL-ESP-ME-0069_06 NSRP-CAL-PAC-ME-0075_05 NSRP-CAL-STM-ME-0072_05 |
| 83 | S-02 | SCR_P_Vol. 2 Part 2 | Sec. IC TS 600 Mechanical, Sanitary and Plumbing 614.3.4 | page 125 | Fixture Connection Sizes | Ostomate Sink | Please provide mounting details and pipe sizes of sanitary and waterline stubout for Ostomate Sink. | Please refer to NSRP-DWG-STA-SN-8012 and NSRP-DWG-STA-PL-7012 Rev 21.2 |
| 84 | S-02 | CP S-02_Vol-II Book-2_Arch-MPFS_DWGs_20201202 | | | Drain Water Tank Plan and Elevation | Drain Water Tank | Please provide Drain Water Tank Plan and Elevation. (All stations) | Please refer to NSRP-DWG-ESP-PL-5861, NSRP-DWG-PAC-PL-5861 and NSRP-DWG-STM-PL-5861 Rev 21.2 |
| 85 | S-02 | CP S-02_Vol-II Book-2_Arch-MPFS_DWGs_20201202 | | | Storm Drainage Layout | Drain Water Tank | Please provide Piping Layout Plan for the discharge of Drain Water Tank. (All stations) | Please refer to NSRP-DWG-ESP-SN-6106, NSRP-DWG-PAC-SN-6108, NSRP-DWG-STM-SN-6104 rev 21.2 |
| 86 | S-02 | TS TS 600 – Mechanical, Sanitary and Plumbing TS-500 Architectural Works, BOQ- Bill 4-1 (España Station) BOQ- Bill 4-2 (Sta. Mesa Station) BOQ- Bill 4-3 (Paco Station) | | page 82 page 60 & 154 Item no.607(7)a to 607(7)f Item no.607(7)a to 607(7)f Item no.607(7)b to 607(7)f | Storm Drainage Layout | Downspout and Rainwater Pipe |  | Drawing will be updated showing termination of PVC Pipe and Stainless Steel Pipe. Please refer to NSRP-DWG-ESP-SN-6102, NSRP-DWG-PAC-SN-6102, NSRP-DWG-STM-SN-6102 Rev 21.2 |
| 87 | S-02 | Vol. 2 part 2 Vol. 1A | Sec. IC TS 600, Section 630.2.2.2 Sec.4A BOQ | Page 176 Bill of Quantities, Bill No. 4-1, 4-2, 4-3 item 630(9)a and 630(9)b | Automatic Sprinkler System | | Please specify the K-Factor of Sprinkler Head because it is not specified in Technical Specification, Plan and BOQ. | K-Factor of Sprinkler Head shall be K-5.6. TS 600 will be updated and issued to the Bidders |
| 88 | S-02 | Vol. 2 part 2 | Sec. IC TS 600, Section 630.6 | Page 182 Page 194 NSRP-DWG-PSS-FS-6601 NSRP-DWG-PSS1-FS-6608 NSRP-DWG-PSS2-FS-6608 | CO2 Gas Suppression System Halogen Fire Automatic Suppression System | | Please verify which shall prevail for the type of Suppression System | The Bid Plan drawing will prevail. Suppression System will be NOVEC 1230, TS600 will be updated and issued to Bidders |
| | | | | | | |  | |
| 89 | S-02 | TS 600 MECHANICAL/ Volume 2 | Sec. 630.2.1.1 | TS600 Page 175 | Scope | | Please Clarify the Reference Standard Since it was mentioned that the automatic sprinkler system and all equipment, apparatus and components supplied shall be supplied and installed in accordance with JIS requirements, as well as complying with the requirements of the local Authorities. Kindly advise which reference shall govern. | The automatic sprindler system shall be supplied and installed in accordance with the Fire Code of the Philippines (RECP) and Philippine Mechanical Engineering Code (PMEC) as well as comply with the requirements of local authority having jurisdiction. TS600 section 630 will be updated accordingly and issued as part of the IFC documents. |


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|---------------------------------------|-----------------------------------|--|------------|--|---|-------------------------------|--|--|--------------------|---------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|---------------------------------------|-----------------------------------|--|
| 90 | S-02 | Vol-II-Arch-Elec; Vol-I-A- | Sec.4A BOQ | NSRP-DWG-ESP-EL-5900 /Page 48; NSRP-DWG-PAC-EL-5900/Page 45; NSRP-DWG-STM-EL-5900/Page 70; | Photovoltaic Power Generator System Schematic | | Please confirm if the Distribution Panels for Photovoltaic are part of our scope as reflected in BOQ. If yes, please provide specifications and plans. | The distribution panels for photovoltaic are not part of the scope of work - being for "Future Works". The BOQ shall be revised deleting the following Items Nos.: 706(2)ac ESP-PCS; 706(3)as-STM-PCS; 706(4)a-PAC-PCS. The Revised BOQ shall be issued as Addendum 2. | | | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>Single Line Diagram - PV System</th> <th>Bill of Quantities</th> </tr> </thead> <tbody> <tr> <td>Included but included on future scope</td> <td>Power Distribution Panel: ESP-PCS</td> </tr> <tr> <td>Included but included on future scope</td> <td>Power Distribution Panel: PAC-PCS</td> </tr> <tr> <td>Included but included on future scope</td> <td>Power Distribution Panel: STM-PCS</td> </tr> </tbody> </table> | Single Line Diagram - PV System | Bill of Quantities | Included but included on future scope | Power Distribution Panel: ESP-PCS | Included but included on future scope | Power Distribution Panel: PAC-PCS | Included but included on future scope | Power Distribution Panel: STM-PCS | |
| Single Line Diagram - PV System | Bill of Quantities | | | | | | | | | | | | | | | |
| Included but included on future scope | Power Distribution Panel: ESP-PCS | | | | | | | | | | | | | | | |
| Included but included on future scope | Power Distribution Panel: PAC-PCS | | | | | | | | | | | | | | | |
| Included but included on future scope | Power Distribution Panel: STM-PCS | | | | | | | | | | | | | | | |
| 91 | S-02 | Vol-I-A- | Sec.4A BOQ | Bill No. 4-1; Bill No. 4-2; Bill No. 4-3; | | | Please provide the location/positions of Distribution Panel LP-UPS and 30kVA UPS for Espana, Paco, Sta. Mesa Station which are reflected in BOQ but not in Technical Specifications & Plans. | Panel LP UPS is assumed to be located in Station Office. Drawing will be issued as addendum 2 | | | | | | | | |
| 92 | S-02 | Vol-II-Arch-Elec | | NSRP-DWG-SSI-EL-5500/Page07; NSRP-DWG-SS2-EL-5500/Page18; | | | Please provide single line diagram for Substation 1 & 2. | Refer to the following drawings NSRP-DWG-SSI-EL-5500 v21 NSRP-DWG-SS2-EL-5500 v21 | | | | | | | | |
| 93 | S-02 | BILL OF QUANTITIES No. 4-1; BILL OF QUANTITIES No. 4-2; BILL OF QUANTITIES No. 4-3 | | Item No.: 708(3)b | Exterior Lighting | | Please provide details and plans for Handhole reflected in BOQ (900mm x 900mm x 1100 mm) | NSRP-DWG-ESP/PAC/STM-EL-5920 to 5921 will be revised and issued as addendum 2 | | | | | | | | |
| 94 | S-02 | BILL OF QUANTITIES No. 4-1; BILL OF QUANTITIES No. 4-2; BILL OF QUANTITIES No. 4-3 | | Item No.: 712(4) | Earthing System | | Please provide details for concrete handhole w/ cover specified in the earthing system of the BOQ. | NSRP-DWG-ESP/PAC/STM-EL-5920 to 5921 v21.2 will be issued as addendum 2 | | | | | | | | |
| 95 | S-02 | N/A | N/A | N/A | N/A | N/A | There is no mention of the type of FDAS from the Technical Specifications nor the FDAS Plans. Please confirm whether FDAS is addressable or conventional. | Please refer to sheet no. NSRP-DWG-STM-EL-5701 and NSRP-DWG-STA-EL-5001 Rev 21.2. Revised TS700 will be issued to Bidders | | | | | | | | |
| 96 | S-02 | N/A | N/A | N/A | N/A | N/A | Please clarify if Manual Call Point is Break-Glass Type or Pull-Action-type. | Please refer to sheet no. NSRP-DWG-STM-EL-5701 and NSRP-DWG-STA-EL-5001 Rev 21.2. Revised TS700 will be issued to Bidders | | | | | | | | |
| 97 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWGs | | TS70-100 | 710.4.2.11 Emergency Telephone Jack | | Emergency Telephone Jack was mentioned in TS700-100 but none is reflected on bid plans. Please confirm if emergency telephone jack is included. If yes, Please provide layout plans with locations of the telephone jacks. | NSRP-DWG-ESP/PAC/STM-EL-5701 to 5705 v21.2 will be issued to Bidders. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. | | | | | | | | |

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| 98 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWGs | | TS700-156; NSRP-DWG-ESP (STM/PAC/SS1 / SS2)-EL-5701a | 716.3.1 Installation; Fire alarm Wiring Schedule Label | TS-700-156: 1.5mm2 Solid Copper High Temperature PVC insulated, power limited to 230V, 105°C Fire-protective signaling type Cable; Bid Plans: 1.25mm2 STP Screened Fire-resistant Cable | Please confirm if which size will prevail. Please confirm if STP screened Fire-resistant Cable will be used. | 1.25mm2 STP screened Fire-resistant Cable will be used. Contractor/vendor to validate based on manufacturer's recommendation in compliance with requirements in relevant TS.. | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>As per Technical Specification</th> <th>As per Plans</th> <th>As per BOQ</th> </tr> </thead> <tbody> <tr> <td>Alarm Horns Bells</td> <td>Fire Alarm Horn w/ Strobe Lights</td> <td>Fire Alarm Horn w/ Strobe Lights</td> </tr> </tbody> </table> | As per Technical Specification | As per Plans | As per BOQ | Alarm Horns Bells | Fire Alarm Horn w/ Strobe Lights | Fire Alarm Horn w/ Strobe Lights | |
| As per Technical Specification | As per Plans | As per BOQ | | | | | | | | | | | | |
| Alarm Horns Bells | Fire Alarm Horn w/ Strobe Lights | Fire Alarm Horn w/ Strobe Lights | | | | | | | | | | | | |
| 99 | S-02 | N/A | N/A | N/A | N/A | N/A | Please provide list of Equipment that needs High Level Interface to BMS. | Verify with vendor the specific requirement that needs high level interface to BMS. | | | | | | |
| 100 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWGs | | TS700-139; NSRP-DWG-ESP (STM/PAC)-EL-5803 | 715.1.3 Devices Item no. 12; CCTV System Diagram | TS700-139: UPS: 8hours back up battery pack; 230 Vac 60 Hz Bid Plans: UPS: 2hours or more back-up battery; 230 Vac 60 Hz | Please verify which will prevail for the UPS back up time. If Plans & BOQ will prevail, please provide technical specification. | UPS backup time in bid plans are 2 hours minimum. For stored electrical energy system, refer to the minimum requirement as per NFPA 1111. TS700 will be revised and issued to Bidders | | | | | | |
| | | | | | | | <table border="1"> <thead> <tr> <th>As per Technical Specification</th> <th>As per Bid Plans</th> <th>As per BOQ</th> </tr> </thead> <tbody> <tr> <td>UPS: 8hours back up battery pack; 230 Vac 60 Hz</td> <td>UPS: 2hours or more back-up battery; 230 Vac 60 Hz</td> <td>UPS: 2hours or more back-up battery; 230 Vac 60 Hz</td> </tr> </tbody> </table> | As per Technical Specification | As per Bid Plans | As per BOQ | UPS: 8hours back up battery pack; 230 Vac 60 Hz | UPS: 2hours or more back-up battery; 230 Vac 60 Hz | UPS: 2hours or more back-up battery; 230 Vac 60 Hz | |
| As per Technical Specification | As per Bid Plans | As per BOQ | | | | | | | | | | | | |
| UPS: 8hours back up battery pack; 230 Vac 60 Hz | UPS: 2hours or more back-up battery; 230 Vac 60 Hz | UPS: 2hours or more back-up battery; 230 Vac 60 Hz | | | | | | | | | | | | |
| 101 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWGs | | | | TS700-139: Category 5e cables for video signals or as per Manufacturer's recommendation Bid Plans: Cables for CCTV should be 4P-UTP CAT7 Cable | Please confirm if 4P-UTP CAT7 will be considered for CCTV wiring. | Confirmed. Contractor/vendor to validate based on manufacturer's recommendation in compliance with requirements in relevant TS.. | | | | | | |
| 102 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-II Book-2 Arch_Elec_DWGs | | TS700-144 to 145; NSRP-DWG-SS1 (SS2)-EL-5701 | 715.2.16 Card Readers; 715.2.17 Biometric Reader Access Control System Layout and Schematic Diagram Legend | Technical Specifications: Mention of Card Reader, Biometric Reader and PIN access. Bid Plans: Fingerprint Reader | Please confirm which reader device will prevail for Access Control System. | Finger reader type. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. | | | | | | |
| 103 | S-02 | Vol.2 Part 2 Sec. IC TS700 Electrical Works; Vol-IA Section 4A | | p. 63, 99, 129, 146, 154 | Bill Of Quantities: Access Control System Item No. 707(4j) | TS700-148: All wiring shall be in EMT except for embedded in concrete BOQ: IMC | Please confirm if IMC Pipes will be used for Access Control System conduit. | Confirmed. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. | | | | | | |
| 104 | S-02 | Vol-II Book-2 Arch_Elec_DWGs | | NSRP-DWG-PAC-EL-5701; NSRP-DWG-PAC-EL-5704A; | PACO STATION FIRE DETECTION AND ALARM SYSTEM SCHEMATIC DIAGRAM; PACO STATION FDAS INSTALLATION LAYOUT INTERMEDIATE LEVEL | | As per FDAS Schematic Diagram, a FAAP is located at Intermediate level but none was in the layout plans. Please provide us the location of the Fire Alarm Annunciator Panel at Paco Station Intermediate Level. | NSRP-DWG-PAC-EL-5701/5704A will be revised and issued as addendum 2. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. | | | | | | |

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| 105 | S-02 | Vol-II Book-2 Arch_Elec_DWG | | NSRP-DWG-ESP (STM)-EL-5701 | FDAS SCHEMATIC DIAGRAM | | Please specify the name and function of the FDAS symbol below. | NSRP-DWG-STA-EL-5001 will be revised and issued as addendum 2. Contractor/vendor to validate all system components based on manufacturer's recommendation in compliance with requirements in relevant TS. |
| | | | | | | |  | |
| 106 | S-02 | Vol. 2, 01 Specification, 01 GS | | | GS 131.3 Reference Plans | The Contractor shall request from the PNR plans defining the railway protection and safety zones. The Contractor shall ensure that no works of any kind are carried out within the railway protection and safety zones without prior approval and that all necessary measures are correctly put into place and managed to ensure safe working at all times. | The contractor would like to kindly request the PNR plans defining the predicted distances for the railway protection and safety zones and if it is mandatory to take into account that protection zone. | Please refer to updated GS to be issued in Addendum 2 |
| 107 | S-02 | Vol. 2, Drawings (Civil/Via00) | | | DWG N°. NSRP-DWG-VIA00-ST-0402 | Crack control recommendators for pier column and headstock only. Maximum concrete placement temperature should be keep at 24°C for 40MPa. Crack control recommendators for pile caps only. Maximum concrete placement temperature should be keep at 28°C for 40MPa. | In order the contractor to evaluate the conditions to be considered for the characteristics of the concrete, would you kindly provide the requirements in relation the thermal cracks considering 30°C as practical concrete placement temperature taking into account the daily low temperature in Manila of 28°C. | The maximum temperature of fresh concrete at time of placing should be between 26 to 30 degree C and should be achieved through normal precautions at the mixing plant, for working in hot, humid climates. The Contractor shall comply with the recommendations of TS200 Clause 206.7.8.4 with regard to pre-cooling and TS200 206.7.8.5 and TS200 Clause 206.7.8.5 regarding the cooling of the concrete. At no stage during the concreting process should the temperature of the fresh concrete exceed 35 degree C. Drawing NSRP-DWG-VIA00-ST-0403 shall be revised and issued to Bidders |
| 108 | S-02 | Vol. 2; Part II – Requirements; | Sec. 6 – The Employer's Requirements; IB – General Specification | GS91 | 128.2 Defects Liability | “Should any equipment or plant remain out of service and prevent the commissioning and/or operation of the railway, due to reasons of failure by the Contractor to perform his duties under the DNP, the Employer reserves his rights to seek General Damages at Law commensurate with his operating costs (if any) and loss of operational revenues.” | The Bidder notes an inconsistency between the contract conditions under Multilateral Development Bank Harmonised Edition June 2010 (FIDIC) and the General Specifications. Under Volume 2; Part II – Requirements; Section 6 – The Employer's Requirements; IB – General Specification (GS) Clause 128.2, the following is stated: “Should any equipment or plant remain out of service and prevent the commissioning and/or operation of the railway, due to reasons of failure by the Contractor to perform his duties under the DNP, the Employer reserves his rights to seek General Damages at Law commensurate with his operating costs (if any) and loss of operational revenues.” However, Clause 17.6 of the FIDIC provides for a general exclusion to indirect or consequential loss or damage subject only to certain exclusions (i.e. Sub-Clause 8.7, Sub-Clause 11.2, Sub-Clause 15.4, Sub-Clause 16.4, Sub-Clause 17.1, Sub-Clause 17.4(b) and Sub-Clause 17.5, fraud, deliberate default or reckless misconduct), none of which seem to be carving out the circumstances under 128.2 above. We note that FIDIC takes precedence in case of inconsistency. Can the Employer please advise how it intends to deal with this inconsistency during delivery? | GS will be amended. FIDIC will take precedence in case of inconsistencies. |

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| 109 | S-02 | Vol. 2; Part II – Requirements; | Sec. 6 – The Employer’s Requirements; IB – General Specification | GS86 | 126.7 Responsibility for Failed Interfaces | <p>Quite apart from those delay damages however, where one Interfacing Contractors work is delayed due to a failure on the part of another, increased or additional costs are likely to be claimed against the Employer under the terms of the third party contract.</p> <p>In the event the Employer should be obliged to compensate any such third party claims, the amount paid shall, subject to Clause 2.5 of the GCC, be counter-charged against the defaulting Contractor. Such charge would constitute general damages, and would not be included within any calculation of delay damages limits under GCC Clause 8.7.</p> | <p>The Bidder notes an inconsistency between the contract conditions under Multilateral Development Bank Harmonised Edition June 2010 (Fidic) and the General Specifications. Under Volume 2; Part II – Requirements; Section 6 – The Employer’s Requirements; IB – General Specification (GS) Clause 126.7, the following is stated:</p> <p>“Quite apart from those delay damages however, where one Interfacing Contractors work is delayed due to a failure on the part of another, increased or additional costs are likely to be claimed against the Employer under the terms of the third party contract.</p> <p>In the event the Employer should be obliged to compensate any such third party claims, the amount paid shall, subject to Clause 2.5 of the GCC, be counter-charged against the defaulting Contractor. Such charge would constitute general damages, and would not be included within any calculation of delay damages limits under GCC Clause 8.7.”</p> <p>However, Clause 17.6 of the FIDIC provides for a general exclusion to indirect or consequential loss or damage subject only to certain exclusions (ie. Sub-Clause 8.7, Sub-Clause 11.2, Sub-Clause 15.4, Sub-Clause 16.4, Sub-Clause 17.1, Sub-Clause 17.4(b) and Sub-Clause 17.5, fraud, deliberate default or reckless misconduct), none of which seem to be carving out the circumstances under 126.7 above.</p> <p>We note that FIDIC takes precedence in case of inconsistency.</p> <p>Question 1: Can the Employer please advise how it intends to deal with this inconsistency during delivery?</p> <p>Question 2: the first paragraph of the extract provided above refers to “a failure on the part...”. Can the Employer please clarify what type of “failure” would trigger this right? (i.e. presumably a failure to comply with its interface coordination obligations)</p> | <p>GS will be amended. FIDIC will take precedence in case of inconsistencies.</p> |
| 110 | S-02 | Vol. 1 Part I – Bidding Procedures | Sec. 4A – Bill of Quantities | | PS-1 | Archeological Monitoring | <p>GS 118.9.3 reference given under the description of the PS-1 item does not seem to match the scope of the Provisional Sum. The Provisional Sum seems to deal with the fees and activities necessary when finding an unexpected archeological interest on site. However, given the unknown nature of the scope of the provisional sum, the contractor is not able to assess the adequacy of the amount allowed for the scope, nor include this scope in its programme. Furthermore, the Multilateral Development Bank Harmonised Edition June 2010 (FIDIC) already deals with the finding of items of archeological value under Clause 4.24 Fossils. Please clarify the purpose of this Provisional Sum and how is this meant to be interpreted together with FIDIC.</p> | <p>Two tracks for SC are required at Espana and Sta Mesa stations. At Paco station, there are two platforms for stopping trains and two passing loops for faster train services. Appropriate pages of Scope of Works to be updated and appended.</p> |
| 111 | S-02 | Vol. 3 Part III – Conditions of Contract; Particular Conditions PCC | | | General | General | <p>There appears to be an arbitrary use of the terms "Accepted Contract Amount" and "Contract Price" through the PCC. Please review these terms and correct if the Employer considers it appropriate.</p> | <p>Use of "Accepted Contract Amount" and "Contract Price" in the PCC is correct. The employer considers no change.</p> |
| 112 | S-02 | Vol. 2 Part II – Requirements | Sec. 6 - Employer’s Requirements IB – General Specification | GS52 | 118.5.1 Soil Management Plan | <p>Known contaminated soil is dealt with under 118.5.2.2. If further contaminated soil is identified, the Contractor shall minimize the disturbance of contaminated land and shall implement the control measures to manage and prevent surface water runoff from such land into any surface water body. If the Engineer requires contaminated soil to be excavated it shall be dealt with under 118.5.2.2.</p> | <p>It is indicated in GS 118.5 that the Contractor is to deal with "known" contaminated soils under 118.5.2.2. Please clarify in which item of the BOQ these costs of managing and disposal of contaminated/hazardous material should be included. Also, please provide quantified data of contaminated material in order to estimate the cost and time of managing this scope of works.</p> <p>In addition to dealing with "known" contamination, the clause continues to explain the contractor's obligations in relation to the identification of further contaminated soils (ie unknown contamination). Please confirm that the contractor shall be entitled to claim under 4.12 of the Conditions of Contract in circumstances where unknown contamination is identified.</p> | <p>Please refer to Section 3.1.3.4. Soil Quality (Soil Contamination) of the EIS (Appendix 6). In case contaminated soils are discovered during site works the Contractor shall determine the actual volume of contaminated soil and shall deal with such as required under GS 118.5.2.2. The costs of management and disposal of identified contaminated soils shall be charged to the Contractor’s environmental management and monitoring budget.</p> |
| 113 | ALL | Vol. 1, | Sec. 1 | ITB 5 & 6 | 4.3 | <p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p> | <p>It is the bidder’s understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer.</p> <p>This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p>Scenario-1:</p> <ol style="list-style-type: none"> 1. Bidder A and Bidder B will form a Joint Venture (JV) in the bidding process for CP S-01, 2. Bidder B will be participating in the CP S-02 as a subcontractor for the JV formed by Bidder C & Bidder D, 3. Bidder B will be participating in the CP S-04 and CP S-05 as a subcontractor for the JV formed by Bidder E & Bidder F. <p>Taking the Scenario-1 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E and F).</p> | <p>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid."</p> <p>Specialist Subcontractor (as defined in ITB 34.2) can support more than one bidder/JV, there is no limit.</p> |

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| 114 | ALL | | Vol. 1, Section 1 | ITB 5 & 6 | 4.3 | <p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(d) they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process;</p> <p>(e) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p> | <p>It is the bidder's understanding that sub-clause 4.3-d&e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer. This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p align="center">Scenario-2:</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a JV in the bidding process for CP S-01, Bidder B will be participating in the CP S-02 as a subcontractor for the JV formed by Bidder C & Bidder D, Bidder/Firm G, which is sister company (same owner) of Bidder B, will be participating in the CP S-04 and CP S-05 as a subcontractor for the JV formed by Bidder E & Bidder F. <p>Taking the Scenario-2 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C, D, E, F & G).</p> | <p>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. As specified in ITB 4.3 (e) "...this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid."</p> <p>Specialist Subcontractor (as defined in ITB 34.2) can support more than one bidder/JV, there is no limit.</p> |
| 115 | ALL | Vol. 1, | Sec. 1 | ITB 5 & 6 | 4.3 | <p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(c) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid;</p> | <p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer. This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p align="center">Scenario-3:</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a Joint Venture (JV) in the bidding process for CP S-01, Bidder B and Bidder C will form a JV in the bidding process for CP S-02. <p>Taking the Scenario-3 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B & C).</p> | <p>The conflict of interest as stated in ITB 4.3 refers to the bidding process a single package. The quoted scenario of bidding is not classified as conflict of interest under ITB 4.3.</p> |
| 116 | ALL | Vol. 1, | Sec. 1 | ITB 5 & 6 | 4.3 | <p>A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if any of, including but not limited to, the following apply:</p> <p>(c) a Bidder participates in more than one bid in this bidding process, either individually or as a partner in a Joint Venture, except for alternative offers permitted under ITB 13 of the Bidding Document. This will result in the disqualification of all Bids in which it is involved. However, subject to any finding of a conflict of interest in terms of ITB 4.3(a)-(d) above, this does not limit the participation of a Bidder as a Subcontractor in another Bid or of a firm as a Subcontractor in more than one Bid; or</p> | <p>It is the bidder's understanding that sub-clause 4.3-e will be solely binding for individual contracts (packages) while tender evaluation is being done by the employer. This sub-clause will not be binding for the bidder, either as a bidder or a sub-contractor, while bidding in the other packages which also can be a combination of the multiple packages.</p> <p align="center">Scenario-4:</p> <ol style="list-style-type: none"> Bidder A and Bidder B will form a JV in the bidding process for CP S-01, Bidder B will be participating in the CP S-01 as a subcontractor for the JV formed by Bidder C & Bidder D. <p>Taking the Scenario-4 into consideration, please kindly confirm that this scenario will not cause a conflict of interest for the bidders (A, B, C & D).</p> | <p>Bidder is reminded to pay attention to 4.3 (d) that states that a Bidder may be considered to be in a conflict of interest with one or more parties in the bidding process if they have a relationship with each other, directly or through common third parties, that puts them in a position to have access to material information about or improperly influence the bid of another Bidder, or influence the decisions of the Employer regarding this bidding process.</p> |
| 117 | ALL | Vol. 3, | Sec. 7 | GC 1 | Sec. 7 The General Conditions of Contract (GCC) | <p>The General Conditions shall be the Conditions of Contract for Construction for Building and Engineering Works Designed by the Employer, Multilateral Development Bank Harmonized Edition, prepared by the Fédération Internationale des Ingénieurs-Conseils, or FIDIC (FIDIC MDB Harmonized Construction Contract) available at FIDIC MDB June 2010.</p> <p>The Conditions of Contract have been prepared for an ad measurement (unit price or unit rate) type of contract and cannot be used for other types of contract.</p> | <p>It is the bidder's understanding that although it is mentioned as an ad measurement type of contract, the payment of the work shall be in accordance with the general conditions of contract shall be FIDIC MDB Harmonized Construction Contract.</p> <p>As per FIDIC MDB, sub-clause 12.2 (Method of Measurement), and sub-clause 14.1, i.e. it is understood that this is a re-measurable type of contract.</p> <p>Please kindly confirm that, in terms of payment to the contractor, the contract shall be re-measurable type and any quantities which may be set out in the Bill of Quantities or other Schedule are estimated quantities and are not to be taken as the actual and correct quantities. Measurement shall be made of the net actual quantity of each item of the Permanent Works. Accordingly, the payment to the contractor will be in accordance with the actual and correct quantities measured on-site.</p> | <p>The quantities in the BOQ have been measured from the drawings which are at "detailed design" stage. As a result the quantities are accurate and not estimated, and will not need to be re-measured. The Contract has been modified to "Ad measurement" i.e. measurement of changes in design.</p> |
| 118 | ALL | Vol. 1 | Sec. 4 | BF 12 | Bid Security / Bank Guarantee | <p>This guarantee will expire (a) if the Bidder is the successful Bidder, upon our receipt of copies of the Contract Agreement signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon the earlier of (i) our receipt of a copy of your notification to the Bidder of the name of the successful Bidder, or (ii) 28 days after the expiration of the Bidder's bid.</p> | <p>Unless the exact expiration date provided to the bank, the bid security validity is considered as an indefinite duration by the Bidder's bank.</p> <p>Please kindly confirm that if the Bidder's bank can note the exact date, 28 days after the expiration of the Bidder's bid, in brackets as per the tender submission date. (Bid Security Validity = Tender Submission Date+210 days +28 days)</p> <p align="center">"(i) 28 days after the expiration of the Bidder's bid (29 November 2021)"</p> <p align="center">*Subject to change as per the tender submission date.</p> | <p>The Bidder's computation of the expiry date of bid security is correct. But the Bidder is requested to use the template as provided under Section 4 Bidding Forms.</p> |

CP S01-S02 Responses to Clarification Requests (Batch 3)

| No. | Packages | Vol | Sec | Page No. | Clause No./Title | Reference Text (if necessary) | Clarification Request | Final Response |
|-----|----------|--------------------|------------------------|---|---|---|---|--|
| 119 | ALL | Vol. 2, | Sec. 6, II Drawings | | | | Kindly provide the AutoCAD drawings for the tender preparation purposes. | Please refer to GBB No. 09 |
| 120 | S-02 | Pre-Bid Conference | | PDF no. 28 of 69 | High Voltage Tower | High Voltage Towers shall be removed prior to construction of PNR track shifting | Please kindly confirm that high voltage towers shall be relocated/removed by "others". | Yes, the high voltage tower shall be relocated by others. |
| 121 | S-01 | Vol. 2 | | 125 | Vol 2 Part 2 Sec IC TS 200 Bridges and Viaduct | Forms | Is match-casting for precast segmental construction still required? | Match casting is expected for the curved portion, however it is the Contractor's responsibility to propose construction method. |
| 122 | S-01 | Vol. 2 | | | | | For casting yard, can we do double to three-layer stacking of precast segmental? | The bidder is required to demonstrate the feasibility and necessary measures for three layer stacking. |
| 123 | S-01 | Vol. 2 | | SCRP, Vol. 2 Part 2 Sec. IC TS 600 Mechanical 2020918.pdf | WASTE WATER TREATMENT PLANTS 618.2.4 | Requirement for body of wastewater treatment plant. The body of proposed waste water treatment plant shall be consisted of FRP tank which is pre-fabricated in factory for the purpose of reducing the site installation period, in addition, the secondary reason is to attain the uniformity and stability of treated water quality and to prevent the leakage of wastewater for various Stations and Depots. | Could we propose Cast Iron for material or Conventional Concrete? | Please refer to relevant condition of contract regarding Value Engineering should the Contractor propose alternative to the design. |
| 124 | S-01 | Vol. 2 | | | | | Request for Site Development Plan for Electrical works | The Site Development Plan for Electrical Works were already reflected in the drawings. Refer to NSRP-DWG-DEP-EL-5101/5102/5103 v21.1. Other underground electrical works such an encased duct are work scope by others. |
| 125 | S-01 | Vol. 2 | | | | | Generator, Transformer, ATS Layout | Generator, Transformer and ATS Layouts will be included on revised TS700 to be issued as Addendum 2 |
| 126 | S-02 | Vol. 2 | | 94 | NSRP-DWG-STM-AR-3612 | Door Layout | Door size at Toilet cubicle which is D-8 is smaller than the door size from the door schedule | For D8, please follow the door schedule NSRP-DWG-STM-AR-3562, which calls for a 1000X2100 door size. NSRP-DWG-STM-AR-3101, NSRP-DWG-STM-AR-3611, NSRP-DWG-STM-AR-3531, NSRP-DWG-STM-AR-3532 will be revised and issued as Addendum 3 |
| 127 | S-02 | Vol. 2 | | 94 | NSRP-DWG-STM-AR-3612 | Door Layout | Door size at door layout of D-6 is larger than the size from the door schedule. | For D6, please follow the door schedule NSRP-DWG-STM-AR-3562 which calls for a 900X2100 door size. NSRP-DWG-STM-AR-3101, NSRP-DWG-STM-AR-3611 will be revised and issued as Addendum 3 |

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| 128 | S-02 | Vol. 2 | | 93; 76; 77 | NSRP-DWG-STM-AR-3611; NSRP-DWG-STM-AR-3565; NSRP-DWG-STM-AR-3565 | Window Layout and Schedule | W-16 = window layout & elevation is 3000mm in width W-16 = window schedule is 2000mm in width W-16 = window schedule table per level is 6000mm in width for Concession Area | Please follow W3 3000x3500 instead of W16, Window Schedule to be updated. NSRP-DWG-STM-AR-3564, NSRP-DWG-STM-AR-3565 and elevation NSRP-DWG-STM-AR-3201 will be revised and issued as Addendum 3 |
| 129 | S-02 | Vol. 2 | | 14; 93 | NSRP-DWG-STM-AR-3611; NSRP-DWG-STM-AR-3201 | Door Layout | SH3 = door layout at Railway Electrical room at Doors and Windows sheet doesn't match to the dimension based on the plan and elevation | Please follow SH3 3000x3000 clear opening. Drawings to be updated. NSRP-DWG-STM-AR-3611, NSRP-DWG-STM-AR-3201, NSRP-DWG-STM-AR-3564 and NSRP-DWG-STM-AR-3565. will be issued as Addendum 3 |
| 130 | S-02 | Vol. 2 | | 94 | NSRP-DWG-STM-AR-3612 | Window Layout | In the plan, window in grid 4-5 front side is 2 types. 1 is 4000mm width and 3000mm width. While is the elevation, only 1 type of window is reflected which is W4. | There should be 2 types of windows; W4 for TVM room and W18 for PSD room. Drawings to be updated. NSRP-DWG-STM-AR-3612, NSRP-DWG-STM-AR-3201, NSRP-DWG-STM-AR-3564 and NSRP-DWG-STM-AR-3565 will be issued as Addendum 3 |
| 131 | S-02 | Vol. 2 | | 93 | NSRP-DWG-STM-AR-3611 | Door Layout | SH3 = at Grid 14' and Grid 7" doesn't fit on the plan. | Please follow SH3 3000x3000 clear opening. Drawings to be updated. NSRP-DWG-STM-AR-3101, NSRP-DWG-STM-AR-3611, NSRP-DWG-STM-AR-3201, NSRP-DWG-STM-AR-3564 and NSRP-DWG-STM-AR-3565 will be issued as Addendum 3 |
| 132 | S-02 | Vol. 2 | | 74 | NSRP-DWG-STM-AR-3562 | Schedule of door D5 | Quantity of D5 at Schedule versus Door Layout aren't the same | D5 total quantity is 25 sets. NSRP-DWG-STM-AR-3561 and NSRP-DWG-STM-AR-3562 will be updated and issued as Addendum 3 |
| 133 | S-02 | Vol. 2 | | 74 | NSRP-DWG-STM-AR-3562 | Schedule of door D12 | Quantity of D12 at Schedule versus Door Layout aren't the same | D12 total quantity is 38 sets. NSRP-DWG-STM-AR-3561 and NSRP-DWG-STM-AR-3562 will be updated and issued as Addendum 3 |
| 134 | S-02 | Vol. 2 | | 47 | NSRP-DWG-STM-AR-3519 | Floor Finish | No indicated floor finish schedule at Grid 10 to 11 adjacent to Concession area 4 and PWD Toilet | For PWD and public toilets floor finish, please follow 300 x 300 x 9.5mm THK, HOMOGENOUS UNGLAZED CERAMIC FLOOR TILE, NSRP-DWG-STM-AR-3519 will be revised and issued as Addendum 3 |
| 135 | S-02 | Vol. 2 | | 11; 44 | NSRP-DWG-STM-AR-3101 NSRP-DWG-STM-AR-3516 | Door and Floor Finish Layout | There are different layout of on Ground level layout and Floor finish layout of Door at Grid 11 to 12 between PWD Toilet and Female Public Toilet that affects the layout of floor finishes | The layout NSRP-DWG-STM-AR-3101 is correct, NSRP-DWG-STM-AR-3516 will be revised and issued as Addendum 3 |
| 136 | S-02 | Vol. 2 | | 74 | NSRP-DWG-STM-AR-3562 | Door Schedule Dimension | The Dimension of SH3 on Schedule of Doors wasn't appropriate to use on the plan given. The Dimension of SH3 based on the BOQ is more suited to use for the Layout of Door | Please follow SH3 3000x3000 clear opening, drawings NSRP-DWG-STM-AR-3611, NSRP-DWG-STM-AR-3201, NSRP-DWG-STM-AR-3564 and NSRP-DWG-STM-AR-3565 will be revised and issued as Addendum 3 |

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|-----|----------|--------|-----|--|---|---|---|--|
| 137 | S-02 | Vol. 2 | | 125 | Vol 2 Part 2 Sec IC TS 200 Bridges and Viaduct | Forms | Is match-casting for precast segmental construction still required? | Match casting is expected for the curved portion, however it is the Contractor's responsibility to the propose construction method. |
| 138 | S-02 | Vol. 2 | | SCR_P_Vol. 2 Part 2 Sec. IC TS 600 Mechanical 2020918.pd | WASTE WATER TREATMENT PLANTS 618.2.4 | Requirement for body of wastewater treatment plant. The body of proposed waste water treatment plant shall be consisted of FRP tank which is pre-fabricated in factory for the purpose of reducing the site installation period, in addition, the secondary reason is to attain the uniformity and stability of treated water quality and to prevent the leakage of wastewater for various Stations and Depots. | Could we propose Cast Iron for material or Conventional Concrete? | Please refer to relevant condition of contract regarding Value Engineering should the Contractor propose alternative to the design. |
| 139 | S-02 | Vol. 2 | | | | | Request for Site Development Plan for Electrical works | Please clarify the question further |
| 140 | S-02 | Vol. 2 | | | | | Generator, Transformer, ATS Layout | Please clarify the question further |