



# Nepal Electricity Authority

(An Undertaking of Nepal Government)

## Distribution and Consumer Services Directorate Nepal Distribution System Upgrade and Expansion Project (EIB)

Fax: 01-4153144  
Phone: 01-4153145  
Durbar Marg,  
Kathmandu

L.D.No. 2080/81 DSUEP 28

Date: 29 August 2023



To,

All Prospective Tenderers

Reference To: Tender No. ICB-DCSD-2080/81-DSUEP-EIB-W6

Subject: Release of Clarification

It is to inform all the prospective tenderers that a Clarification has been released to supplement the Tender Documents for Tender No. ICB/DCSD-2080/81-DSUEP-EIB-W6 invited on 8 August 2023. All the prospective Tenderers are requested to submit their Tenders as per the Tender Documents and issued Clarification.

(Bijaya Sen Khadka)

Project Manager

**Tender No. ICB-DCSD-2080/81-DSUEP-EIB-W6, Procurement of material, equipment, associated accessories and necessary installation services including design, erection, testing, and commissioning of 132/33 kV substation in Bajhang District - Package No. EIB-W6**

**Pre-Tender Queries and Clarifications**

	Volume / Section	Clause No. / Drawing No.	Bidder's Query	Client's Reply
<b>Commercial Queries</b>				
1	Volume - 1 Section-8 special Condition of Contract	Clause No : 8, 8.1 & 8.2	As per the referred clause 8.1 & 8.2 it was mentioned that "The Contractor shall commence work on the Facilities within thirty (30) days from the Effective Date for determining Time for Completion as specified in the Contract Agreement" & "The Time for Completion of the whole of the Facilities shall be 270 days from the Effective Date as described in the Contract Agreement."  We request you to consider the <b>effective date</b> as only from the date of complete handing over of encumbrance free land to the Successful bidder/Contractor.	The Effective Date shall be as given in the Tender Documents. Nevertheless, the land required for building the Substation and associated structures is ready to be handed over to the Contractor for starting the construction works.
2	General		Request you to confirm whether land has been acquired for the Present scope of work.	The required land has already been managed by the Project.
3	General		Request you to kindly provide the shutdown procedures if any for the current project	Shutdown procedures will be facilitated by the Project during commissioning.
4	Volume - I		We presume that the amount of aggregate liability of the bidder to NEA shall be 100% of the contract price.  Kindly confirm	Shall be as per the General Conditions of Contract and Special Conditions of Contract.
5	Volume - I Section-2 Tender Data Sheet	ITT 16.1(b)	As per the referred clause it was mentioned that "The period following completion of plant and services in accordance with provisions of the contract shall be 10 years.."  Request you to kindly confirm the modality of the same.	Any spare parts and special tools required for the proper and continuing functioning of any Plant and Equipment to be supplied under this Contract shall be available for 10 years.
6	Volume - I Section-8 Special Conditions of contract & Section-7 General Conditions of contract	SCC Clause 27.10 & GCC Clause 27	As per the referred clause of SCC it was mentioned that "The critical components covered under the extended defect liability are Power Transformers and its components; and the period shall be three (3) years." AND  As per the referred clause of GCC it was mentioned that "The Defect Liability Period shall be 540 days from the date of Completion of the Facilities (or any part thereof) or 1 year from the date of Operational Acceptance of the Facilities (or any part thereof), whichever first occurs, unless specified otherwise in the SCC pursuant to GCC Subclause 27.10"  Request you to kindly confirm the Defect Liability Period for the subject project. Also request you to restrict the same to 12 months from the date of completion of works	The Defect Liability Period of all the equipment except the Critical Components shall be as per GCC 27.2. For the Critical Components, it shall be Three Years, as per GCC 27.10.



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	Volume / Section	Clause No. / Drawing No.	Bidder's Query	Client's Reply
7	Volume - I Section-8 Special Conditions of contract	Clause 13.3.1 Securities	As per the referred clause it was mentioned that "The amount of performance security, as a percentage of the Contract Price for the Facility or for the part of the Facility for which a separate Time for Completion is provided, shall be: Ten (10) Percent of Contract Price."  Request you to amend it to Three (3) percentage .	The Performance Security shall be as per the Tender Documents.
8	Volume - I Section-9 Contract Forms	Appendix - 2 Price Adjustment	As per the Tender condition the Price Adjustment is considered as " <b>Not Applicable</b> ".  Request you to consider the contract on Price Variation (IEEMA) basis as most of the materials are volatile to the current market condition.	This Project is of a short duration i.e. of 270 days. So, the Price Adjustment shall be as per the Tender Documents.
9	Volume - I Section-7 General Conditions of contract	Clause 25.5 Delayed Pre-Commissioning and/or Guarantee Test	If the Completion or commissioning works are held up due to conditions not attributable by the bidder or due to reasons from the employer side then the final 10% of Supply payment and 5% Installation payment shall be disbursed by the employer to bidder with 45 days from completion of works.  Request you to kindly confirm the same.	The provisions of Delayed Pre-Commissioning and/or Guarantee Test shall be as per the Tender Documents.
10	Volume - I Section-7 General Conditions of contract	Clause 40 Extension of Time for Completion	If at any condition the project is delayed by conditions not attributable by the bidder or due to reasons from the employer side then the bidder should be entitled for extension of the project along with necessary compensation for the delayed period .  Request you to kindly confirm the same.	The provisions of Extension of Time for Completion shall be as per the Tender Documents.
11	Volume - I Section-7 General Conditions of contract	Clause 9.3 Contractor's Responsibilities	As per the referred clause it was mentioned that "The Contractor shall acquire and pay for all permits, approvals, and/or licenses from all local, state, or national government authorities or public service undertakings in the country where the Site is located, which such authorities or undertakings require the Contractor to obtain in its name and which are necessary for the performance of the Contract, including, without limitation, visas for the Contractor's and Subcontractor's personnel and entry permits for all imported Contractor's Equipment. The Contractor shall acquire all other permits, approvals, and/or licenses that are not the responsibility of the Employer under GCC Sub-clause 10.3 hereof and that are necessary for the performance of the Contract."  We presume that ROW if any is not in the scope of Bidder. Hope our understanding is right.	Yes.





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	Volume / Section	Clause No. / Drawing No.	Bidder's Query	Client's Reply
12	Volume - I Section-8 Special Conditions of contract	Clause 9.3 Completion Time Guarantee	As per the referred clause the maximum deduction against Liquidated Damages is 10% of the contract price.  Request you to amend the clause to <b>keep the Cap to 5% of the contract price.</b>	The maximum deduction against Liquidated Damages shall be as per the Tender Documents.
13	Volume - I	13.3.3 Performance Security	As per the referred clause " Unless otherwise specified in the SCC, the security shall be reduced by half on the date of the Operational Acceptance. The Security shall become null and void, or shall be reduced pro rata to the Contract Price of a part of the Facilities for which a separate Time for Completion is provided, 540 days after Completion of the Facilities or 365 days after Operational Acceptance of the Facilities, whichever occurs first; provided, however, that if the Defects Liability Period has been extended on any part of the Facilities pursuant to GCC Sub-clause 27.8 hereof, the Contractor shall issue an additional security in an amount proportionate.  <b>Kindly confirm the methodology for PBG reduction.</b>	It shall be as per GCC 13.3.
14	Volume - 1 Section-8 special Condition of Contract	Clause No : 8, 8.1 & 8.2	Kindly request NEA to incorporate LC opening condition with the effective date.	Effective Date clause is well-defined in Section 9. Article 3 Effective Date. LC will be immediately opened after submission of Acceptable Documents by the Contractor.
15	General		NEA to confirm the Master List Time Line ( for both types of goods Project / Non Projects) or other method at DOED.	NEA will facilitate to get the Master List approved before the dispatch of goods provided that the Contractor request for it in time.
16	General		Multiple Copies for the Documents Can be avoided, to save environmental issues/trees.  <b>We can arrange digital copies against the same.</b>	Please send at least one original and one duplicate copy of the Tender.
17	General		Request you to confirm the site visit survey date along with the concerned person details.	We will facilitate the site-visit. Please inform us in advance.
18	General		As the PGCIL is the consultant for this project, request you to consider all PGCIL approved vendors for supply, which matches NEA's Technical Specification for bidding.	Please submit your Vendors List (along with necessary documentations required by the Tender Documents) along with the Tender. The Vendors among that list shall be selected as approved Vendors.



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	Volume / Section	Clause No. / Drawing No.	Bidder's Query	Client's Reply
	Electrical Queries			
19	Volume-2	Page no. 51 and 52, Annexure - B	Bidder request for the SLD of existing 33 / 132 kV Kalanga Substation and indicative SLD of this extension project .	It is attached with this Clarification.
20	Volume-2	Page no. 51 and 52, Annexure - B	Bidder request for the clarification of scope area through marking in the attached layout drawing of existing 33 / 132 kV Kalanga substation.	The area is within the premises of the Kalanga Hydropower Station and area will be finalized after site survey. Please refer to the attachment.
21	Volume-2	Page no. 51 and 52, Annexure - B	Bidder request for the clarification in layout drawing, about connection between 132 kv transformer bay with existing 132 kV busbar of existing 11 / 132 kV Kalanga substation.	We expect the Contractors to propose the design appropriately as per TS and BOQ.
22	Volume-2	Page no. 51 and 52, Annexure - B	Bidder request for the clarification of connection between 33 kV bus bar to 33 / 0.433 kV Station transformer HV side. In layout drawing only Isolator is given. Query is that whether Circuit breaker and LA required for station transformer protection or not.	The drawings/layouts given in Tender Documents are for Tender purpose only. The Contractor is expected to propose appropriately as per TS and BOQ.
23	Volume-2	Page no. 51 and 52, Annexure - B	Bidder request for the clarification about MCR location in given layout drawing.	Master Control Room location is within the Kalanga Station. Please refer to the attachement for tentative location. The footprint will be finalized after the pre-construction survey.
24	Volume-2	Volume II, Section 6: Employer's Requirements	As per BOQ, 110 V & 48 V dual mode FCBC charge - 1 No., but as per specification, Volume II Section 6 Employer's Requirements, Chapter 12: Battery & Battery Charger - Clause 1.2: Dual float cum boost chargers with a single battery. Please confirm the exact requirement whether a single FCBC with a single battery or DFCBC with a single battery.	For now, please go as per BOQ. During design phase, consulting with the Consultant, NEA will determine if two set of chargers is required or not if it is required. NEA will go for Amendment of Contract Agreement.
25	Volume-2		Please provide the load details of 110 V DC, and 48 DC to size the battery charger ratings. Or specify the rating we need to offer.	The Contractor/Tenderers are required to design chargers and calculate battery sizing as per requirements of the substation according to the Technical Specifications.
26	Volume-2		As per specification Volume II Section 6 Employer's Requirements, Chapter 12 Battery & Battery Charger - Clause 1.2, please provide us the standard scheme drawing which is not attached along with technical documents.	Please propose the scheme as per the quantity of BOQ. We will review and approve the same.
	Civil Queries			
27	Volume-2	Page no. 326, Cl. 3.1	Bidder requests to please clarify the number of work stations required for the employer.	Please refer to the System Architecture provided in Annexure-2, Page 6-10-30.
28	Volume-2	Page no. 326, Cl. 4.1.1	Bidder requests client to please share the soil investigation report available.	Soil investigation is to be performed as per the item in Schedule 3 Item No.1
29	Volume-2	Page no. 331, Cl. 5.3.4	Bidder suggests that all approvals required for disposal of any material outside the plant boundary shall be provided by the client. Please confirm.	The disposal of any material will be assisted by the client.
30	Volume-2	Page no. 331, Cl. 5.5.1	Bidder suggests to perform contour survey at a contour interval of 5m in the interest of project timelines.Please confirm.	Index contour lines can be at 5m interval but the survey shall be conducted at 0.5m contour interval.

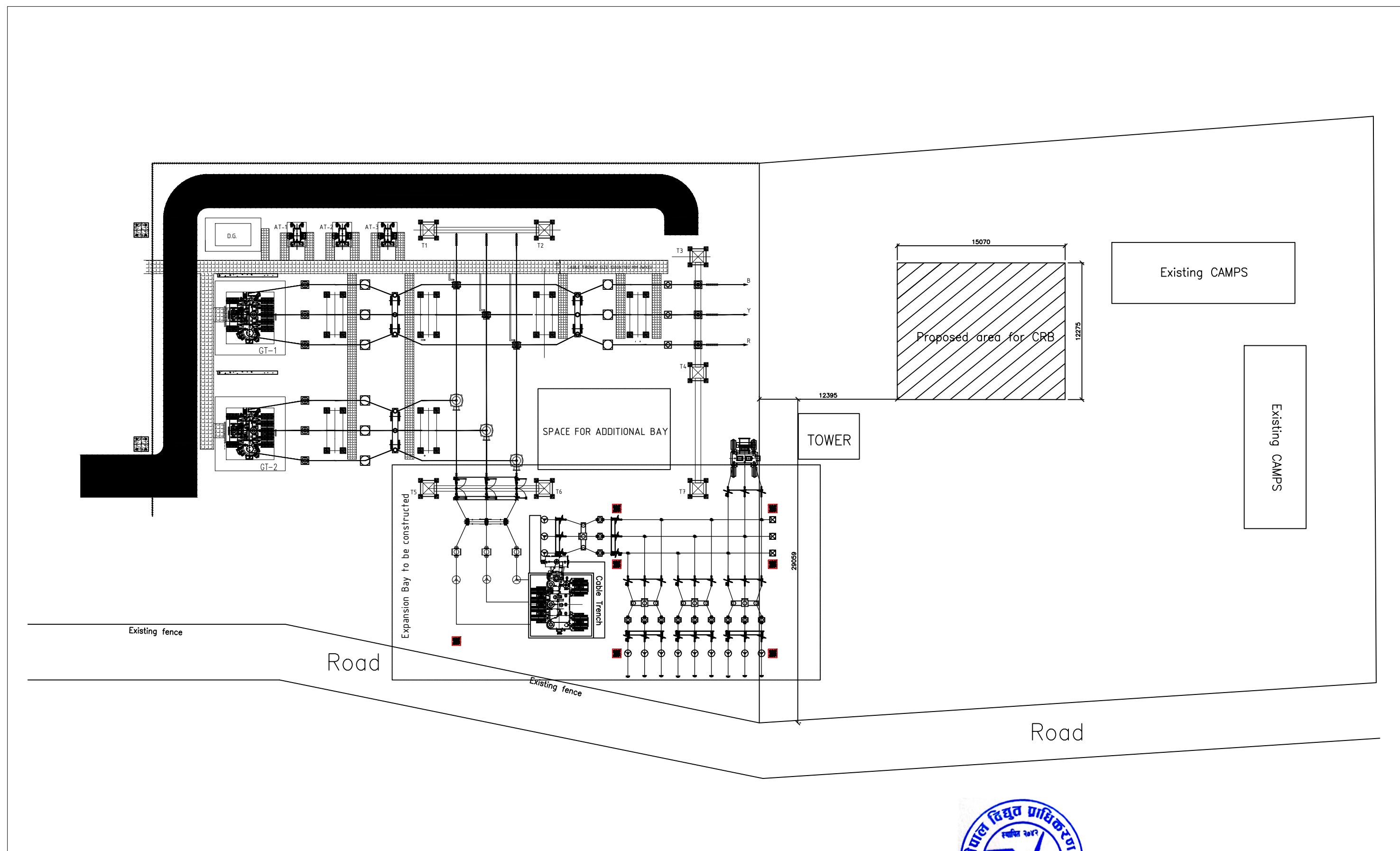


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	Volume / Section	Clause No. / Drawing No.	Bidder's Query	Client's Reply
31	Volume-2	Page no. 331, Cl. 5.4.4	Bidder requests client to confirm the minimum height of FGL from the surrounding ground rather than keeping it open between 0.6m and 2m.	The FGL shall be the FGL of the existing 11/132 kV substation.
32	Volume-2	Page no. 331, Cl. 5.5.3	Bidder suggests to perform the bio engineering work only in those locations where the slope is more than 45 degrees and soil height is more than 2m. Please confirm.	This shall be governed by the specification and done as per site requirement.
33	Volume-2	Page no. 334, Cl. 6.2.4	Bidder suggests that any disposable material shall be disposed within the plant boundary or the same shall be spread evenly within the plant boundary. Please confirm.	The clause has clearly mentioned regarding the disposable material and it shall be prevailing.
34	Volume-2	Page no. 349, Cl. 14.11	Bidder suggests to perform design against buoyancy if water table is encountered during soil investigation.	As specification mentions to design any base slab of underground enclosure against buoyancy, the design shall be incorporated.
35	Volume-3	Page no. 10, Cl. A.9	Bidder requests if all equipment structures are required to be pipe type or can angle sections be used. Please clarify.	All equipment structures shall be of Pipe Structure.
36	General		Please confirm whether approach road is available upto the substation location. If not request you to include the same in project BOQ line item.	Approach Road is available up to the substation location.
37	General		The control room building location is missing in the General Layout Plan given in the Tender Documents.	A clear General Layout Plan is attached with this clarification.





GENERAL LAYOUT OF PROPOSED SUBSTATION

