Employer	:	**Project Director, PMU, Sindh Solar Energy Project (SSEP)**
Name of Project	:	**Construction of Boundary Wall & Civil Works at Manjhand - Jamshoro Sindh (4.238 Km) - Lot-1**
Date	:	**May 03, 2024**

ADDENDUM NO-1

PART - 1: BIDDING PROCEDURE

SECTION - II : BID DATA SHEET (BDS)

Clause ITB 14.5 in Bid Data Sheet the “shall not be” is deleted and replaced with “shall be”.

The Date mentioned in Clause ITB 22.1 and 25.1 is deleted and replaced with the new date “14-05-2024”

Clause ITB 49.1 in Bid Data Sheet, the existing text is deleted and replaced with the following text:

“For the attention: Secretary Energy
Procuring Agency: Sindh Energy Department (SED)
Email address: secretary@sindhenergy.gov.pk”

SECTION - III : EVALUATION AND QUALIFICATION CRITERIA

The Section-III : Evaluation and Qualification Criteria, contained 11 Pages, is deleted in its entirety and replaced with the revised Section-III : Evaluation and Qualification Criteria, attached as Annexure-A to Addendum-1.

SECTION - IV : BIDDING FORMS

Bill of Quantities

At the end of the sub-head : Entrance Gate - Civil Works, following item of Tack-coat is to be added:

Sr. No.	Description	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
37	Tack Coat, on asphaltic surface	600	Sft.		

PART - 3: CONDITIONS OF CONTRACT AND CONTRACT FORMS

SECTION - IX : PARTICULAR CONDITIONS OF CONTRACT (PCC)

Clause 23.1 & 23.2 of GCC, is modified hereunder:

The Adjudicator proposed by the Employer will be decided by Registrar Pakistan Engineering Council Karachi.

Clause 24.3 of GCC, is modified hereunder:

The hourly fee for this proposed Adjudicator shall be decided mutually by the Employer and the successful bidder at the time of signing of Contract.

Clause 45.1 : Price Adjustment

Following text will replace the existing text of PCC Clause 45.1:

“For the contracts identified by the project implementing agency and approved by the Bank, the price adjustment in accordance with GCC Clause 45, shall be used”.

Schedule of Adjustment Data

The Schedule of Price Adjustment Data is attached as Annexure-B to Addendum-1.

Minutes of Pre-Bid Meeting

Minutes of Pre-Bid Meeting is attached as Annexure-C to Addendum-1.

ANNEXURE - A TO ADDENDUM NO. 1

SECTION III - EVALUATION AND QUALIFICATION CRITERIA

This section contains all the criteria that the Employer shall use to evaluate Bids and qualify Bidders through post-qualification. No other factors, methods or criteria shall be used other than specified in this bidding document. The Bidder shall provide all the information requested in the forms included in Section IV, Bidding Forms.

TABLE OF CRITERIA

1. MARGIN OF PREFERENCE

2. EVALUATION

3. QUALIFICATION

4. KEY PERSONNEL

5. EQUIPMENT

1. MARGIN OF PREFERENCE

In accordance with Clause ITB 33.1 of Bidding Data Sheet, the Clause in Not Applicable.

Bidding will be conducted through National Competitive Procurement and is open to all eligible Bidders.

The Employer will use the criteria and methodologies listed in this Section to evaluate Bids. By applying these criteria and methodologies, the Employer shall determine the Most Advantageous Bid. Which will be determined as under:

(a) Responsive to the bidding document, and
(b) The lowest evaluated cost.

2. EVALUATION

In addition to the criteria listed in ITB 35.2 (a) - (e) the following criteria shall apply:

2.1 Adequacy of Technical Proposal

Evaluation of the Bidder's Technical Proposal will include an assessment of the Bidder's technical capacity to mobilize key equipment and personnel for the contract consistent with its proposal regarding work methods, scheduling, and material sourcing in sufficient detail and fully in accordance with the requirements stipulated in Section VII, Works' Requirements.

2.2 Multiple Contracts

Bidders can participate in more than one lot. However, each application shall be submitted separately with separate Technical & Financial data.

Pursuant to ITB 35.4 of the Instructions to Bidders, if Works are grouped in multiple contracts, evaluation will be as follows

(a) Award Criteria for Multiple Contracts [ITB 35.4]:

Lots
Bidders have the option to Bid for any one or more lots. Bids will be evaluated lot-wise, taking into account discounts offered, if any, after considering all possible combination of lots. The contract(s) will be awarded to the Bidder or Bidders offering the lowest evaluated cost to the Employer for combined lots, subject to the selected Bidder(s) meeting the required qualification criteria for lot or combination of lots as the case may be.

(b) Qualification Criteria for Multiple Contracts:

Section III describes criteria for qualification for each lot (contract) for multiple lots (contracts). The criteria for qualification is aggregate minimum requirement for respective lots as specified under items 3.1, 3.2, 4.2 (a) and 4.2(b). However, with respect to the specific experience under item 4.2 (a) of Section III, the Employer will select any one or more of the options as identified below:

N is the minimum number of contracts

V is the minimum value of a single contract

(a) For one Contract:

Option 1:

(i) N contracts, each of minimum value V;

(b) For multiple Contracts

Option 1:

(i) Minimum requirements for combined contract(s) shall be the aggregate requirements for each contract for which the Bidder has submitted Bids as follows, and N1, N2, N3, etc. shall be different contracts:

Lot 1: N1 contracts, each of minimum value V1;
Lot 2: N2 contracts, each of minimum value V2;
Lot 3: N3 contracts, each of minimum value V3;
----etc.

2.3 Alternative Completion Times

Not Applicable

2.4 Sustainable procurement

Not Applicable

2.5 Alternative Technical Solutions for specified parts of Works

Not Applicable

2.6 Specialized Subcontractors

Not Applicable

3. QUALIFICATION

Eligibility and Qualification Criteria				Compliance Requirements			Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
1. Eligibility							
1.1	**Nationality**	Nationality in accordance with ITB 4.4	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI - 1.1 and 1.2, with attachments.
1.2	**Conflict of Interest**	No conflicts of interest in accordance with ITB 4.2	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.3	**Bank Eligibility**	Certificate of Bank indicating "Not having been declared ineligible by the Bank", as described in ITB 4.5	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Letter of Bid
1.4	**State-owned enterprise or institution of the Borrower country**	Meets conditions of ITB 4.6	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI - 1.1 and 1.2, with attachments
1.5	**United Nations resolution or Borrower's country law**	Not having been excluded as a result of prohibition in the Borrower's country laws or official regulations against commercial relations with the Bidder's country, or by an act of compliance with UN Security Council resolution, both in accordance with ITB 4.8 and Section V.	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Forms ELI - 1.1 and 1.2, with attachments
1.6	**Income Tax Certificate**	Valid NTN Certificate from Income Tax	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Valid NTN Certificate

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		Authorities verifying that the Firm is on ATL					
1.7	**Sindh Sales Tax Certificate**	Registration of Sindh Sales Tax Certificate of Sindh Revenue Board (SRB)	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Valid Sindh Revenue Board Certificate
2. Historical Contract Non-Performance							
2.1	**History of Non-Performing Contracts**	Shall be determined with Form CON-2 with attachments	Must meet requirement	Must meet Requirement	Must meet requirement (To be indicated even if the bidder was part of JV in a particular contract)	N/A	Form CON-2 with attachments
2.2	**Suspension Based on Execution of Bid / Proposal Securing Declaration by the Employer**	Submission of Certificate that bidder is Not under suspension based on execution of a Bid / Proposal Securing Declaration pursuant to ITB 4.7	Must meet requirement	Must meet requirement	Must meet requirement (To be indicated even if the bidder was part of JV in a particular contract)	N/A	Letter of Bid
2.3	**Pending Litigation**	Bidder's financial position and prospective long term profitability sound according to criteria established in 3.1 below and assuming that all pending litigation will be resolved against the Bidder	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON - 2 with attachments of Affidavits
2.4	**Litigation History**	No consistent history of court/ arbitral award decisions against the	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON - 2 with attachments of Affidavits

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		Bidder since 1st January 2021					
2.5	**Declaration: Environmental, Social, Health, and Safety (ESHS) past performance**	Declare any civil work contracts that have been suspended or terminated and/or performance security called by an employer for reasons related to the non-compliance of any environmental, or social (including sexual exploitation and abuse (SEA) and gender based violence (GBV)), or health or safety requirements or safeguard in the past five years .	Must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	Must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	Each must make the declaration. Where there are Specialized Sub-contractor/s, the Specialized Sub-contractor/s must also make the declaration.	N/A	Form CON-3 ESHS Performance Declaration
2.6	**Blacklisting**	Information to be submitted regarding Blacklisting of firm as required in Form CON - 2 with attachments of Affidavit	Must meet requirement	Must meet requirement	Must meet requirement	N/A	Form CON - 2 with attachments of Affidavits
3. Financial Situation and Performance							
3.1	**Financial Capabilities**	(a) The Bidder shall demonstrate that it has access to, or has available, liquid assets, unencumbered real assets, lines of credit, and other financial means	Must meet requirement	Must meet requirement	N/A	N/A	Bank Letter for Credit Limit, Form FIN - 3.1, with attachments

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		(independent of any contractual advance payment) sufficient to meet the construction cash flow requirements estimated as PKR 56 Million for the subject contract(s) net of the Bidder's other commitments					
		(b) The Bidders shall also demonstrate, to the satisfaction of the Employer, that it has adequate sources of finance to meet the cash flow requirements on works currently in progress and for future contract commitments					
		(c) The audited balance sheets or, if not required by the laws of the Bidder's country, other financial statements acceptable to the Employer, for the last 03 years shall be submitted and must demonstrate	Must meet requirement	Must meet requirement	N/A	N/A	

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		the current soundness of the Bidder's financial position and indicate its prospective long-term profitability					
3.2	**Average Annual Construction Turnover**	Minimum average annual construction turnover of PKR 672 Million, calculated as total certified payments received for contracts in progress and/ or completed within the last 03 years.	Must meet requirement	Must meet requirement	Must meet **25%** of the requirement	Must meet **40%** of the requirement	Form FIN - 3.2
4. Experience							
4.1	**General Construction Experience**	Experience under construction contracts in the role of prime contractor, JV member, subcontractor, or management contractor for at least the last 10 years	Must meet requirement	Must meet requirement	-	-	Form EXP 4.1 with attachment
4.2 (a)	**Specific Construction & Contract Management Experience**	A minimum number of 01 similar contracts specified below that have been satisfactorily and substantially completed as a prime contractor, joint	Must meet requirement	Must meet requirement	N/A	N/A	Form EXP 4.2 with attachment

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		venture member, management contractor or sub-contractor for last 10 years: (i) 01 contract, each of minimum value 800 Million The similarity of the contracts shall be based on the following: Fencing and Boundary Wall, complete in all respect including associated works under-taken in Past of at-least 04 Km					
4.2 (b)		For the above and any other contracts [substantially completed and under implementation] as prime contractor, joint venture member, or sub-contractor for last 10 years and Application submission deadline, a minimum construction experience in the following key activities successfully completed:					

Eligibility and Qualification Criteria			Compliance Requirements				Documentation
No.	Subject	Requirement	Single Entity	Joint Venture (existing or intended)			Submission Requirements
				All members Combined	Each Member	At least one Member	
		Pre-Cast facility with ability to cast Single Panel Boundary Wall and Columns as per the drawings and specifications of the project and must have minimum capacity to cast 20 Panels per day. Bidder to submit proof of ownership or permanent arrangement with such facility which is able to cast 20 Panels per day.					

Notes:

- ***Non-submission/ non-fulfillment of any one of the above mentioned document and as mentioned ITB 11.1 Section-II-Bid Data Sheet, shall render the bidder ineligible irrespective of his financial standing in the bidding.***

4. KEY PERSONNEL

The Bidder must demonstrate that it will have a suitably qualified (and in adequate numbers) minimum Key Personnel, as described in the table below, that are required to perform the Contract.

The Bidder shall provide details of the Key Personnel and such other Key Personnel that the Bidder considers appropriate, together with their academic qualifications and work experience. The Bidder shall complete the Form PER-1 in Section IV, Bidding Forms.

Key Personnel

Item No.	Position/ Specialization	Relevant academic qualifications	Minimum years of relevant work experience
1	Project Manager, Civil	BE (Civil), registered with PEC	Overall 15 years and 10 years relevant exp. as Project Manager
2	Construction Manager	BE (Civil), registered with PEC	Overall 08 years exp.
3	Contract Manager	BE (Civil)	08 years exp. of working as Contract Engineer
4	Planning Engineer	University Degree	08 years project planning using Primavera/ MS Project
5	Material Engineer	M. Sc Geology or B.E (Civil)	05 years
6	Environment Officer	BE or Degree in Environmental Sciences	05 years
7	Health and Safety Officer	BE (Civil)	05 years
8	Social Officer	BA (Sociology)	05 years

5. EQUIPMENT

The Bidder must demonstrate that it will have access to the key Contractor's equipment listed hereafter:

Sr. No.	Equipment Type and Characteristics	Minimum Number required
1	Dump Truck	02
2	Excavator	02
3	Plate Compactor	02
4	Concrete Mixer Power Driven	01
5	Water Tankers	02
6	Surveying Equipment set	02
7	Crane	01
8	Generator 10KVA	01

The Bidder shall provide further details of proposed items of equipment using the Form PER-2 in Section IV, Bidding Forms.

ANNEXURE - B TO ADDENDUM NO. 1

SCHEDULE OF ADJUSTMENT DATA

Index Code	Index Description	Source of index	Base value and date	Bidder's related currency amount	Bidder's proposed weighting
A	Non adjustable				A : 0.39
B	Local Labour	Government of Pakistan (GoP) Federal Bureau of Statistics (FBS) Monthly Statistical Bulletin or as mutually decided amongst the parties.	Value from the prescribed source on the date 28 days prior to the submission of Bid		B : 0.11 - 0.13 *
C	High Speed Diesel				C : 0.12 - 0.14 *
D	Cement				D : 0.07 - 0.09 *
E	Steel				E : 0.24 - 0.26 *
F	Crush				F : 0.02 - 0.04 *
			Total		**1.00**

[* To be entered by the Employer. Whereas "A" should a fixed percentage, B, C, D and E should specify a range of values and the Bidder will be required to specify a value within the range such that the total weighting = 1.00]

ANNEXURE - C TO ADDENDUM NO. 1

Employer : Project Director, PMU, Sindh Solar Energy Project (SSEP)

Date : April 18, 2024

S. No.	Queries	Replies
M/S. FRIENDS ENTERPRISES		
a.	Request for decreasing percentage of bid security as per scope of work (reference ITB 19.1 of Tender Documents), because each Lot have different scope of work e.g. 4.238KM for Lot I,5.947KM for Lot 2,7.895KM for Lot 3 and vice versa. (i) Bid Security sets as percentage upto 3% in form of Bank Guarantee and also allow Insurance Bond issued by A (+) companies rated by PACRA (reference IB 16.2 of Pakistan Standard Bidding Documents - Construction Works 2nd Edition December 2023).	Bid security has been duly calculated and approved by World Bank. It is Employer's prerogative to set the amount. All bidders needs to abide by the figures.
b.	Request for decreasing minimum amount of infrastructure experience as per scope of work (reference Para 4.1 of Section III - Evaluation and Qualification Criteria) because each Lot have different scope of work e.g. 4.238KM for Lot 1,5.947KM for Lot 2,7.895KM for Lot 3 and vice versa.	As per the instructions and decision taken by the Procuring Agency, the particular section is revised and is attached as Annexure-A of Addendum No. 1.
c.	Request for inclusion of Price Adjustment Clause vide Pakistan Engineering Council, Standard Procedure and Formula for Price Adjustment (Second Edition) May 2022.	As per the instructions and decision taken by the Procuring Agency, Price Adjustment Clause is included and attached as Annexure-B of Addendum No. 1.
d.	Request for decreasing percentage of performance security from ten (10) percent to five (5) percent or allow Insurance Bonds issued by A(+) companies rated PACRA, May please be noted that the government departments and procurement regulatory authorities set performance security less than ten percent, in this regard we have submit following for reference.	All bidders need to abide by the figures.

S. No.	Queries	Replies
	(1) Government tenders (which was funded through foreign agency) sets percentage of performance security at five percent of contract amount (reference document attached). (2) Furthermore, PPRA & SSPRA rules allowed maximum up to ten percent (range 1 to 10 percent) of contract amount as performance security for the public procurement's (reference document attached). In view of foregoing, the higher percentage set for performance security (i.e. ten percent) in the above cited project makes the bidding process less-competitive (minimum bidders are participating due to higher value of performance security).	
e.	Clarification regarding participation of Firms/ Contractors in a single Lot of above mentioned Project.	Bidders can participate in more than one lot. However, each application shall be submitted separately with separate Technical & Financial data.
M/S. MAQBOOL AHMED & CO		
	TECHNICAL	
a.	Can bidder apply for more than one lot?	Responded above
b.	Can more than one lot to be allotted to bidder if bidder succeed?	Yes, as per the Rules & Regulations of the Procuring Agency and World Bank.
c.	Separate technical profile will be submitted for each lot or one technical profile is enough for all the lot?	Yes separate Tech & Fin Bid for each lot as indicated and elaborated above
d.	In Qualification criteria section 4 Experience sub section 4.1 Infrastructure Works Experience is required but in EXP form 4.1 General Construction Experience is required	Responded above
e.	In Qualification criteria section 4 Experience sub section 4.2 Specific Construction Experience is required but in EXP form 4.2 Experience of Infrastructure Works Projects	Responded above
f.	Could you kindly provide topography survey drawings to facilitate a clearer understanding of the site?	Coordinates of sites are as follows:

<table>
<tr><th>S. No.</th><th>Queries</th><th>Replies</th></tr>
<tr><td></td><td></td><td>
<u>Manjhand, District Jamshoro</u>
<table>
<tr><th>Boundary Point</th><th>Longitude (East)</th><th>Latitude (North)</th></tr>
<tr><td>1</td><td>25° 46'18.65"N</td><td>68° 15'10.96"E</td></tr>
<tr><td>2</td><td>25° 46'18.68"N</td><td>68° 15'46.20"E</td></tr>
<tr><td>3</td><td>25°45'41.92"N</td><td>68° 15'11.14"E</td></tr>
<tr><td>4</td><td>25° 45'42.10"N</td><td>68° 15'47.07"E</td></tr>
</table>
<u>Deh Halkani & Deh Bund Murad</u>
<table>
<tr><th>Sr. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>25° 1.131' N</td><td>67° 0.737' E</td></tr>
<tr><td>2</td><td>25° 1.037' N</td><td>67° 0.595' E</td></tr>
<tr><td>3</td><td>25° 1.570' N</td><td>67° 0.618' E</td></tr>
<tr><td>4</td><td>25° 1.279' N</td><td>67° 0.422' E</td></tr>
<tr><td>5</td><td>25° 1.812' N</td><td>66° 59.509' E</td></tr>
<tr><td>6</td><td>25° 1.604' N</td><td>66° 59.331' E</td></tr>
<tr><td>7</td><td>25° 1.877' N</td><td>66° 59.456' E</td></tr>
<tr><td>8</td><td>25° 1.636' N</td><td>66° 59.177' E</td></tr>
<tr><td>9</td><td>25° 1.842' N</td><td>66° 57.400' E</td></tr>
<tr><td>10</td><td>25° 1.717' N</td><td>66° 57.202' E</td></tr>
<tr><td>11</td><td>25° 1.694' N</td><td>66° 57.216' E</td></tr>
<tr><td>12</td><td>25° 1.785' N</td><td>66° 57.577' E</td></tr>
</table>
<u>Deh Mitha Ghar</u>
<table>
<tr><th>Sr. No.</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>25° 8.295' N</td><td>67° 2.685' E</td></tr>
<tr><td>2</td><td>25° 8.323' N</td><td>67° 2.429' E</td></tr>
<tr><td>3</td><td>25° 8.598' N</td><td>67° 2.786' E</td></tr>
<tr><td>4</td><td>25° 8.605' N</td><td>67° 2.819' E</td></tr>
<tr><td>5</td><td>25° 9.992' N</td><td>67° 3.242' E</td></tr>
<tr><td>6</td><td>25° 10.060' N</td><td>67° 3.134' E</td></tr>
<tr><td>7</td><td>25° 10.061' N</td><td>67° 2.941' E</td></tr>
<tr><td>8</td><td>25° 9.958' N</td><td>67° 2.876' E</td></tr>
<tr><td>9</td><td>25° 9.947' N</td><td>67° 2.686' E</td></tr>
<tr><td>10</td><td>25° 10.046' N</td><td>67° 2.693' E</td></tr>
<tr><td>11</td><td>25° 9.978' N</td><td>67° 2.527' E</td></tr>
</table>
Topographic survey is not required as it is not a Lump Sum Contract. It is a measurement contract. Quantities shall be paid accordingly.
</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>g.</td><td>Could you kindly furnish the structural drawings for the entrance gate structure, please?</td><td>It is not required at this stage</td></tr>
<tr><td></td><td></td><td></td></tr>
<tr><td>h.</td><td>Given the challenging nature of the six-month timeframe, so it is requested to extend the project completion time up to 12 months?</td><td>Total constructional period shall remain to be 06 month.</td></tr>
<tr><td></td><td></td><td></td></tr>
</table>

S. No.	Queries	Replies
i.	Considering that the project sites are situated in remote areas possible insurgency, resistance due to encroachment by the locals, could you please elaborate on the security arrangements made to ensure the peaceful possession and security of staff during execution by the client?	It is a responsibility of the contractor to provide security at site, refer to contract clauses.
j.	It is requested to extend the submission date for bids up to 2 weeks?	Date has been extended by the Client and the relevant clauses have been modified through Addendum.
k.	Is the client open to providing a secure advance payment for precast members manufactured at the precast factory to manage & maintain the cash flow accordingly?	Please refer to Clause 49.2 of GCC
	BOUNDARY WALL	
a.	Approved Manufacturer list for Civil, Electrical and Plumbing	Specifications of materials need to be adhered to. There is no approved manufacturer's list.
b.	Please specify how much length will be used for boundary wall type A and Type B, because in BOQ there is only one item 10 for both types.	As mentioned in the drawings/ specifications
c.	In BOQ item 10, Column height for Boundary wall is 8 to 9 ft High where as it is required minimum 10'·6" for Boundary wall.	Follow the nomenclature and drawings.
d.	The Non Shrinkage Grout shown in drawing at PPL to erecting Column of Boundary wall but no any item in BOQ or Not included in description of Precast wall BOQ Item 10.	Please see specifications
e.	Supporting design calculation asked to be submitted by contractor in precast boundary BOQ item 10. So do we have to vet the drawings by structure engineer and submit the design calculations please clarify?	Please following the nomenclature of BOQ.
f.	Item 12 Razor Wire is required but the Item of Angle Iron not in BOQ, so we have to include cost of angle Iron in this Item.	Yes, the cost needs to be included

S. No.	Queries	Replies
	ENTRANCE GATE CIVIL WORKS	
a.	BOQ Item no. 18, there is written steel frame will be paid separately so please share drawing for steel frame and in which item it will be paid. Please clarify	Drawings shall be shared. Item shall be paid as per material used.
b.	In BOQ Item No, 21, Aluminum wall thickness is not mentioned.	2.0 mm thick premium quality.
c.	BOQ Item no 24, please share PEB Structure drawing.	Please follow the nomenclature.
d.	For Item No. 26 & 27 please Share drawings or sizes.	Logo : 3' dia Letters (Grade 316) of 3' high and 2' wide of ARIAL FONTS
e.	For BOQ Item No. 34 and 36 thickness of Asphalt not mention please share drawing or thickness.	Asphaltic Base Course = 3" thick Asphaltic Wearing Course = 2" thick
f.	In BOQ Item No. 36 there is Written except Tack Coat, but in BOQ tack coat item is missing.	The missing item of Tack Coat is provided through Addendum.
	ELECTRICAL & SOLAR SYSTEM	
a.	Drawings required for Electrical Solar & ICT Works	Provided in Bid Documents
b.	Solar System Structure is elevated or standard Please Clarify?	Standard - However, please follow the instruction mentioned in the Bidding Drawings.
c.	Inverter Capacity in KVA not mentioned in detail	Please follow the instruction mentioned in the Bidding Drawings.
d.	Solar System will be On Grid or Off Grid. Please Clarify?	Off Grid - However, please follow the instruction mentioned in the Bidding Drawings.
e.	Battery Type will Tubular, Dry or lithium. Please Clarify?	Tubular – However, please follow the instruction mentioned in the Bidding Drawings.
f.	Battery size & quantity required?	Please follow the instruction mentioned in the Bidding Drawings.
g.	Tracking System detail in solar system is required?	Please follow the instruction mentioned in the Bidding Drawings.
a.	One of the bidders requested to visit the site before the submission of their Bid.	It was decided that coordinates of all Four sites may be share with the Bidders. Coordinates of all Four sites are shown above.