



# JESUIT REFUGEE SERVICES

## INVITATION TO BID

**Ref #: S07EDU/M078/2021: CONSTRUCTION OF ALC  
CLASSROOMS, KITCHEN & DINING HALL IN JRS  
COMPOUND, BUNJ, MABAN**

SCHEDULE OF ITB ACTIVITIES:	
Issue ITB	26 <sup>th</sup> March, 2021
Questions from Supplier due date	6 <sup>th</sup> April, 2021
Deadline for reply	7 <sup>th</sup> April, 2021
Deadline for submitting the bid to JRS	8 <sup>th</sup> April, 2021
Opening and Evaluation of ITB	13 <sup>th</sup> – 14 <sup>th</sup> April, 2021
References and Due Diligence	16 <sup>th</sup> April, 2021
Award of Contracts and Review	16 <sup>th</sup> April, 2021
Contracts start	19 <sup>th</sup> April, 2021

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## 1. INTRODUCTION

### 1.1. The Jesuit Refugee Services

Jesuit Refugee Service is a Catholic Church-based international humanitarian organization, with a Mission to accompany, serve, and advocate for the rights of refugees and forcibly displaced persons. JRS has a priority to work wherever the needs of refugees and internally displaced people are urgent and unattended to.

### 1.2. The Purpose of this Invitation to Bid (ITB)

Through this Invitation to Bid (ITB), JRS seeks to secure competitive Bids for the selection of a Contractor for the construction of One (1) Block of Permanent classrooms inside the JRS Office in Bunj, Maban. Eligible and technically qualified companies competent to provide the Construction works are invited to submit their bids as follows:

Lot Reference Number	Category Description
LOT #1: S07EDU/M078/2021-A	CONSTRUCTION OF ONE (1) PERMANENT BLOCK OF CLASSROOMS IN JRS COMPOUND IN BUNJ, MABAN
LOT #2: S07EDU/M078/2021-B	CONSTRUCTION OF ONE (1) PERMANENT BLOCK OF DINING & KITCHEN IN JRS COMPOUND IN BUNJ, MABAN

The winning bidder(s) will enter a fixed term contract for the duration of the works. Bidders shall be domiciled and must have complied with all Government legal Regulations to operate in South Sudan and Maban, and regular taxpayers. The Bidder shall not be under any declaration of ineligibility or exclusion for corrupt or fraudulent practices in South Sudan or any other country of operation.

### 1.3. Cost of Bidding

The Bidder shall be responsible for all costs associated with the preparation and submission of their bids, and JRS, "the Contracting Authority", will in no way be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

## 2. THE BIDDING DOCUMENTS:

### 2.1. The Bidding Documents

The Bidder shall inspect all documents and information, forms, terms, and conditions in this ITB. Failure to furnish all information and address all areas of the bidding documents will be considered as substantially unresponsive and may lead to rejection of the bid in its entirety.

*The Bidding documents comprise of the following documents:*

- Bid Notice
- The Invitation to Bid document, this document.
- Bill of Quantities (BoQs)
- Drawings and Designs for the Permanent Classrooms, Kitchen and Dining Hall.
- JRS Code of Conduct.

### 2.2. Clarification of Bidding Documents

Any prospective Bidder wishing to seek for further clarification on the bidding documents may notify JRS through the email address: [southsudan.logistics@jrs.net](mailto:southsudan.logistics@jrs.net). The request for clarification must reach JRS not later than **6<sup>th</sup> April 2021**. A representative of JRS will respond by e-mail providing clarification by the **7<sup>th</sup>** of

**April 2021.** Response to such communication shall be shared with other bidders with explanation of the query without identifying the source.

### 3. PREPARATION OF BIDS

#### 3.1. Language of the Bid

The bid and all accompanying correspondence between the bidders and JRS shall be written in English language only. Any printed literature furnished by the bidder and written in another language must be accompanied by an English translation of its pertinent passages, in which case, for purposes of interpretation of the bid, the English translation shall prevail. Any translations must be performed by a licensed translator as recognized and notarized by the Courts of South Sudan.

#### 3.2. Documents Comprising the Bid

The submitted bid must include the following information. Failure to supply all requested information or comply with the specified formats may disqualify the bidder from further evaluation.

- *Cover letter expressing interest to provide Construction Works services for the Permanent and Temporary Classrooms, Latrines, and the Rehabilitation of Wells.*
- *Technical proposal detailing the Company Profile (5 pages maximum) with a brief description of the firm's organization, Structure, Organogram, and summary of the senior personnel in the company.*
- *Provide a table of recent construction works carried out for any International Non-Governmental Organization in South Sudan on similar Works (indicate the Year of Construction, Contract Amount, the INGO which contracted you for the work and when it was started and completed.*
- *Provide a summary and profiles of the Key Staff proposed for the project(s). This includes the Engineer or Foreman to act as the Construction Project Managers and who will supervise the work(s) as well as any Technical and non-technical staff who will handle contractual issues (Note that the absence of an Engineer will be grounds for non-award).*
- *Gantt Chart or outline of key stages of construction in a Work Plan for all Categories of Works mentioned above. This workplan should indicate duration of each stage of the construction schedule and time in days stipulated.*
- *A Financial Proposal detailing the costs of carrying out the Construction work presented in the same format of the BoQ in own letterhead. Where bidders feel the JRS BoQ is not sufficiently capturing some of the elements for the construction of the various structures, they may opt to propose this in a separate sheet.*
- *Certificate of Incorporation and or Registration in South Sudan.*
- *License for Operations from any City in South Sudan.*
- *Tax Registration Certificates.*
- *Tax Compliance Certificates/ Evidence of payment of tax to any relevant authority within South Sudan.*
- *Bank details and 3-Months Financial Statements from a reputable Bank in South Sudan. Additionally, please state the amount of revenue generated by your company in the last 3 months to*

*one year, where this is available.*

- *Provide details of Three Referees that JRS may contact to give a testament of your previous completed works. Further, provide Three Reference Letters and or any record of similar previous relevant construction work with INGOs or UN Agencies*
- *JRS Conflict of Interest and Code of Conduct completed, stamped, signed, and submitted.*
- *Any other document the bidder might feel will increase chances of award.*

### 3.3. Bid Prices & Price Changes

For the purpose of selecting a Contractor, the Bidder shall clearly indicate the unit price of each of the items in the Bill of Quantities. The Bidder must sign and officially stamp the price schedule on the Bill of Quantities.

During the validity period of the ensuing Contract, any price changes must be expressed in writing to JRS, 15 days before implementing such change. JRS will also respond to the request in writing within 15 days. Once the changes have been agreed upon, an addendum will be signed to form part of the original contract.

To ensure the quality of the workmanship, JRS will **retain 10%** of the total amount of the contract arising therefrom, during the defects liability period as per the practice in the construction sector. Where the contractor is not responsive to any repairs during this period, an amount will be deducted to cover such repairs with another contractor, and these notes kept as non-performance.

### 3.4. Bid Currencies

All rates and amounts entered in the Bid Form and Price Schedule and used in any documents, correspondence or operations pertaining to this tender shall be expressed in **United States Dollar (USD)**.

### 3.5. Documents Establishing Works Eligibility and Conformity to Bidding Document

Pursuant to **Clause 3.2**, the bidder shall furnish, as part of their bid, documents establishing the eligibility and conformity to the Bidding Documents of all works to be provided under the contract.

The Documentary evidence of the Works' conformity to the Bidding Documents may be in the form of technical specifications, literature, drawings, data (tables, graphs etc.).

### 3.6. Bid Security

For the Purpose of this ITB process, Bid Security or Bond shall not be applicable.

### 3.7. Validity of Bids

Given the length of the contract, its JRS wish that the Bids remain **valid for a minimum period of Ninety (90)** days after submission.

### 3.8. Format and Signing

All pages of the original bid shall be signed by the Bidder or a person or persons duly authorized to bind the Bidder to the contract. Financial proposal pages of the bid shall be initialed by the person or persons signing the bid and stamped with the company seal.

Any interlineations, erasures, or overwriting shall be valid only if they are initialed by the person or persons signing the bid.

The bidder shall include a cover letter in their Financial proposal. The content of the cover letter shall include the following information:

- A table containing bid offer and item(s) description.
- Outline or specification of the Works to be offered per Lot. Each Lot shall be submitted separately. Bidders who wish to bid for several of the Lots, they will need to submit individual offers separately for each.
- State the Delivery time from the Gantt Chart and Workplan for completion of each lot and works.
- State the Total Revenue and or Turnover of your Construction Business for the last 6-12 Months period.
- Price validity date (for this purpose and as stated on the advertisement, quote given shall remain unchanged for 90 days).

#### 4. SUBMISSION OF BIDS

##### 4.1. Submission and Marking of Bids:

The Marking on the Sealed Envelope containing the Technical and Financial Proposals shall be as follows:

**Ref #: SDS-161/162&163-2021: LOT No. (INSERT LOT NUMBER HERE): CONSTRUCTION OF (INSERT THE NAME OF THE LOT HERE) IN MABAN**

To:

The procurement & Tender Committee  
Jesuit Refugee Services  
JRS Maban  
Maban, South Sudan

OR

The procurement & Tender Committee  
Jesuit Refugee Services  
JRS Juba, Tong Ping  
Juba, South Sudan

And delivered before 5<sup>th</sup> of April 2021 at 1700hrs EAT. Evaluations will be done starting the 13<sup>th</sup> of April 2021 in JRS Office in Bunj, Maban.

Bids submitted after the deadline will not be accepted.

Bidders must sign the bid register form at the reception of the office indicating their company name, telephone number, and date of submission.

##### 4.2. Format

The Bidder's offer shall comprise of all the documents requested by JRS, price and cost Schedules and any other supporting documents in a sealed envelope. Please, indicate the **reference #** (Number) as indicated above.

### 4.3. Modification and Withdrawal of Bids

No modification or withdrawal of any bid shall be allowed after submission and deadline date.

## 5. BID OPENING AND EVALUATION

### 5.1. Preliminary Examination

JRS will examine the bids to determine whether they are complete, free of any computational errors, and that all required licenses have been provided and requisite documents properly signed and stamped and whether bids are generally in order:

ADMINISTRATIVE REQUIREMENT	YES	NO
APART FROM THE NORMAL PROCESS, CONTRACTORS WILL SHOW EVIDENCE OF HAVING PPEs FOR PREVENTION AGAINST COVID-19 FOR THEIR STAFF WORKING IN THE PROJECT		
Is Profile of the Contractor or company with a table showing recent relevant construction experience provided?		
Is Certificate of Incorporation and or Registration provided?		
Is Operational License in the name of the Company provided?		
Is Construction License for 2021 for this category of works provided?		
Is Tax Clearance with any recognized regional or national authority provided?		
Is there evidence for Current Tax Submission and deductions by the bidder?		
Has the bidder provided Bank Statements and details in the name of the Contractor company		
Is there a Profile of Supervising Engineer of the Works in the bid document?		
Has the Detailed Bill of Quantities aligned to these specific works fully populated with prices		
Has the bidder provided a Gantt Chart/ or Construction Work Plan with clear completion timelines for each phase of the construction work for the Classrooms, Kitchen & Dining hall?		
Has the Bidder provided Financial Bid in the Bid Document?		
<b>PROCEEDS TO THE NEXT EVALUATION (YES OR NO)</b>		

Those not providing over 80% of the requirements will not be progressed to the next stage of technical evaluation.

### 5.2. Technical Evaluation.

Bids determined to be substantially responsive as per *section 5 above* will be considered for the evaluation stage with the below scoring criteria:

EVALUATION CRITERIA		
Tech Eval:	Description	Score (%)
	<p>The Capacity of the Contractor:</p> <ol style="list-style-type: none"> <li>General Organization structure and or profile of the Construction Bidding Company and the owners - [5]</li> <li>A table showing 5-10 recent and previous assignments and or completed works with their value - [10]</li> </ol>	

<b>Technical Capacity and Structure of the bidding Company</b>	3. The Capacity in terms of the Technical Qualifications (Project Managers, Engineer/Masons) and Number of Employees in the company - [10%]. 4. Number of Years' Experience of the Lead Engineer, Foreman or Construction project Manager (Minimum 5 Years) - [10] 5. Number of Years (minimum 3) experience of the company in the sector and in similar works – [10%] 6. Suitable equipment (preferably including own vehicles for transporting materials and performance of the construction work – [5%]. 7. Detailed and itemized Price schedule, preferably in the Bill of Quantities aligned to these specific works [5%] 8. Financial Capacity: Amount of Turnover of the Company: Provide Bank Statements and Financial Statements of the Company for the past 3 years. State your turnover for the period [15%]	<b>70%</b>
<b>Work Completion Time/ Delivery Time (from the work plan/Gantt Chart.</b>	Completion Timeline: bidder to provide a Gantt Chart/ or Construction Work Plan with clear completion timelines for each phase of the construction work for the Classrooms, Kitchen & dining hall. 9. Bidder's Offered Works completion Time <i>(from the work plan/Gantt Chart)</i> as compared to other bidders – [20%]. <i>(Score on Lead Time = (Shortest Lead Time Offered/Bidder Lead Time) *20%)</i>	<b>20%</b>
<b>References, Letters, Copies of Contracts</b>	This refers to the bidder providing: Provide details of Three Referees that JRS may contact to give a testament of your previous completed works. Further, provide Three Reference Letters and or any record of similar previous relevant construction work with INGOs or UN Agencies 10. Any documents, letters, contract copies, purchase orders or relevant information demonstrating experience and capacity to deliver – [10%].	<b>10%</b>
	<b>TECHNICAL EVALUATION SCORE OUT OF 100%</b>	<b>100%</b>
<b>Financial Proposal</b>	<b>FINANCIAL PROPOSAL SCORE.</b> <b>SCORE= (LOWEST BID OFFER PRICE/OFFERED BID PRICE) *100%</b>	<b>100%</b>
<b>TECHNICAL EVALUATION (60 Points) + FINANCIAL (40 Points)</b>	<b><u>WEIGHTED SCORES:</u></b> <b>TECHNICAL EVALUATION=[SCORE/100] *60 POINTS]</b>  <b>FINANCIAL EVALUATION SCORE= (LOWEST BID PRICE/OFFERED BID PRICE) *40 Points</b>	<b>60 Points + 40 Points</b>
	<b>TOTAL WEIGHT (TECHNICAL EVALUATION + FINANCIAL EVALUATION)</b>	<b>100 Points</b>

### 5.3. Contacting JRS

Subject to *Clause 5*, no Bidder shall contact JRS on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded or selected authorized supplier or vendor is announced save as provided for in the bidding clarifications section.



## **5.4. Notification of Award**

A representative of JRS will notify successful and unsuccessful bidders in writing about bid acceptance/unacceptance. For Successful bidders, JRS will share draft Contract for review before signature of the final contract. At this time, JRS may choose to negotiate with the selected bidder to finalize the offer.

## **6. CONTRACTING**

### **6.1. Contract award and notification**

JRS will award and notify the Contractor(s) whose Bid have been determined to be substantially responsive and considering rates, price, and performance factors.

### **6.2. Evaluation**

JRS, where applicable, will have the right to assess and evaluate Contractor's works and this will be done by JRS Construction Consultant and or Programme staff.

Should the works not conform to the generally accepted building standards expected, JRS may discontinue the works without extension of time except at JRS's sole discretion. Upon discontinuation, the Contractor shall refund JRS prorated amounts up to and including the last day of notice.

### **6.3. Commissions, Rates, Price Schedules, and Location**

Bidders interested in the Construction works, should provide the information requested above and, in the *Annexes*, below.

### ***Disclaimer***

JRS reserves the right to alter the dates of the timetable.

JRS does not bind itself to accept the lowest or any Bid thereof.

## **7. ANNEXES: CONSTRUCTION OF CLASSROOMS, KITCHEN AND DINING AREA**

**ANNEX I: BOQ FOR LOT #1: S07EDU/M078/2021-A: CONSTRUCTION OF ONE (1) BLOCK OF CLASSROOMS IN JRS COMPOUND, BUNJ, MABAN.**

**Table 1: Construction of Classrooms**

Item Description	Nos	L	W	H	Qty	Unit	Cost (USD)	Total Cost (USD)
<b>Excavation in Foundations</b>								
long walls	2	20.8	0.6	1	12.48			
short Walls	2	7.1	0.6	1	8.52			
Plinth Protection Long walls and short walls								
long walls	2	21.2	0.3	0.2	2.544			
Short Walls	2	8.1	0.3	0.2	0.972			
Varenda								
long walls	2	20.8	0.3	0.6	7.488			
Short Walls	2	2	0.3	0.6	0.72			
					<b>32.724</b>	<b>M<sup>3</sup></b>		
<b>Murram supplying and filling in Foundations</b>								
long walls	2	20.8	0.6	0.15	3.744			
Short Walls	2	7.1	0.6	0.15	1.278			
Plinth Protection								
long walls	2	21.2	0.3	0.1	1.272			
Short Walls	2	8.1	0.3	0.1	0.486			
Varenda								
long walls	1	20.8	0.3	0.1	0.624			
Short Walls	2	3	0.3	0.1	0.18			

Under Room Floors	1	20.4	7.1	0.3	43.452			
Under Varendra Floors	1	20.4	2	0.1	4.08			
					<b>55.116</b>	<b>M<sup>3</sup></b>		
P/L PCC 1:3:6 in Foundations								
long walls	2	20.8	0.6	0.1	2.496			
short Walls	2	7.1	0.6	0.1	0.852			
Plinth Protection Long walls and short walls	1	58.6	0.3	0.075	1.3185			
Varendra								
long walls	1	20.8	0.3	0.1	0.624			
Short Walls	2	3	0.3	0.1	0.18			
					5.4705	<b>M<sup>3</sup></b>		
P/L B.S.4483 reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net - Allowance for laps) including bends, tying wire and distance blocks	1	20.4	8.1		<b>165.24</b>	<b>M<sup>2</sup></b>		
P/L DPC with Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murrum blinding. Room and veranda floor	1	20.4	8.1		<b>165.24</b>	<b>M<sup>2</sup></b>		
Three ply bituminous felt damp proof course bedded in cement and sand (1:3) mortar (Measured nett - allow for laps). 200 mm wide horizontal layer.								
All Walls	1	57		0.3	17.1			
					<b>17.1</b>	<b>M<sup>2</sup></b>		

Concrete Block (40cmx20cmx15cm) Work In foundations including block moulding.								
long walls	2	20.8	0.4	1	16.64			
Short Walls	2	7.1	0.4	1	5.68			
Varenda								
long walls	1	20.8	0.2	0.7	2.912			
Short Walls	2	3	0.2	0.7	0.84			
Plinth Protection Long walls and short walls	1	69	0.2	0.4	27.6			
					<b>53.672</b>	M <sup>3</sup>		
P/L PCC 1:3:6 in								
Room Floors	1	20.4	7.1	0.1	14.484			
Varenda floors	2	20.4	3	0.1	12.24			
In Plinth Protection Long Walls and short	1	58.6	0.3	0.075	1.3185			
					<b>28.0425</b>	M <sup>3</sup>		
P/L Mat Cement sand screeding on the floor								
Floor	1	20.4	7.1		144.84			
Varenda	1	20.4	2		40.8			
In Plinth Protection Long Walls	1	58.6	0.3		17.58			
					<b>203.22</b>	M2		
P/L RCC 1:2:4 including form work, curing etc complete.								
Plinth beam all walls								
Long walls	2	20.8	0.2	0.3	2.496			
Short wall	3	7.1	0.2	0.3	1.278			

Ring beam								
Long walls	2	20.8	0.2	0.2	1.664			
Short wall	3	7.1	0.2	0.2	0.852			
Varenda								
long walls	1	20.8	0.2	0.1	0.416			
Short Walls	2	3	0.2	0.1	0.12			
Columns	17	0.22	0.22	4	3.2912			
					<b>10.1172</b>	M <sup>3</sup>		
Concrete Block Work in Super Structure walls (20 cm thick) including block moulding								
All Walls								
Long walls	2	20.8		3	124.8			
Short walls	3	7.1		3	63.9			
Cable walls	3	7.98		1	23.94			
Deduct Door Openings	-1	1.5		2.4	-3.6			
Deduct Window Openings	-10	1.5		1.1	-16.5			
					<b>192.54</b>	M <sup>2</sup>		
P/L Mild steel reinforcement in RCC works (including straightening, cutting, bending, placing, and binding as per the design and specifications)								
Column Footings 12 mm dia ,1.5 m bars @.15m c/c bw	17	10	0.6		102			
In plinth beams 12mm dia main bars all walls	1	55.8	5		279			
In Columns 12 mm dia main bars 4 in each column	17	4	4		272			

In ring beams 12mm main bars all walls	1	55.8	4		223.2			
					<b>876.2</b>	M		
Shear reinforcement 8 mm dia bars								
Plinth Beams 8mm dia @20cm c/c all walls	1	279	0.9		251.1			
Shear Bars in Columns 8mm dia @25 cm c/c	17	20	0.8		272			
Ring beams 8mm dia @20 cm c/c all walls	1	279	0.66		184.14			
S/F Mild Steel 6 mm dia for floor BRC reinforcement @ 50 cm c/c	1	20.4	7.1		<b>144.84</b>	M		
P/L Cement Sand Plaster (1:4) on walls including curing etc complete.								
Rooms inside Walls								
Long walls	2	20.4	3		122.4			
Short walls	4	7.1	3		85.2			
Cable walls	4	7.8	1		31.2			
Outside Walls								
Long walls	2	20.8	3		124.8			
Short walls	2	7.5	3		45			
Cable walls	2	7.98	1		15.96			
Deduct Room Door openings	2	1.5	2.4		7.2			
Deduct Window Openings for mesh	-10	3.1	1.5		431.76			
					<b>863.52</b>	M <sup>2</sup>		
P/A white base paint as well as three coats of final paint ( bluecolour all plastered surfaces.					<b>863.52</b>	M <sup>2</sup>		

Fabrication of Timber Truss and installation of CGI roof using Hard Wood treated Timber (4"x2" for Tie Beams,4"x3" for wall Plates, King Posts,4"x2" for Rafters,3"x2" for purlins) and Pre-Painted (blue) CGI Sheets 28 gauge (3mx0.9m)					224.7	M <sup>2</sup>		
S/F Timber 8"x1" for fascia board complete with white paint					63.8	M		
Supply RHS 100mm x 50mm x 2mm for Vertical pillars in the veranda Including concrete for installation of RHS.	7			3	21	M		
S/F Vinly suspended ceiling system in 600 x 600mm, lay in white in prison Room DONN TEE SYSTEM; PROFILE: T38 EXPOSED GRID and DONN M6 WALL ANGLE: COLOUR: WHITE	1	20.4	7.1		144.84	M <sup>2</sup>		
P/F Iron Doors with 16-gauge iron plate including frames, hinges, Pad Lock, Base coat of red oxide and finishing coat of blue paint etc complete in all respect.	2	1.5	2.4			Nos		
P/F metallic windows 16 gauge sheet, iron mesh, grill and glass including base coat paint of red oxide and finishing coats of blue colour, Pad Lock Hinges etc complete in all respect	10	1.5	1.6			Nos		
Electrical Works including concealed piping, wiring, switch boards, switches, Distribution board, circuit breakers, tube lights and necessary fittings and fixtures in room					1	Job		
<b>Total Cost in USD (Labour + material)</b>								

**ANNEXE II: BOQ FOR LOT #2: S07EDU/M078/2021-B: CONSTRUCTION OF KITCHEN AND DINING AREA IN JRS COMPOUND, BUNJ, MABAN.**

**Table 2: Construction of ALC kitchen**

Item Description	Nos	L	W	H	Qty	Unit	Rate (USD)	Amount
Excavation in Foundations								
long walls	2	14.8	0.6	1	8.88			
short Walls	3	7.1	0.6	1	12.78			
Plinth Protection Long walls and short walls								
long walls	2	15.4	0.3	0.2	1.848			
Short Walls	2	7.7	0.3	0.2	0.924			
					<b>24.432</b>	M <sup>3</sup>		
Murram supplying and filling in Foundations								
long walls	2	14.8	0.6	0.15	2.664			
Short Walls	3	7.1	0.6	0.15	1.917			
Plinth Protection								
long walls	2	15.4	0.3	0.1	0.924			
Short Walls	2	7.7	0.3	0.1	0.462			
Under Room Floors	1	14.4	7.1	0.3	30.672			
					<b>36.639</b>	M <sup>3</sup>		
P/L PCC 1:3:6 in Foundations								
long walls	2	14.8	0.6	0.1	1.776			
short Walls	2	7.1	0.6	0.1	0.852			
Plinth Protection Long walls and short walls	1	23.1	0.3	0.075	0.51975			



					<b>3.14775</b>	M <sup>3</sup>		
P/L B.S.4483 reference A142 mesh 200 x 200 mm, weight 2.22 kgs per square meter (measured net - Allowance for laps) including bends, tying wire and distance blocks	1	14.8	7.1		<b>105.08</b>	M <sup>2</sup>		
P/L DPC with Polythene; 1000 gauge, 150mm laps (no allowance made to laps), horizontal; 1 no. layer laid on murram blinding. Room and veranda floor	1	14.4	7.1		<b>102.24</b>	M <sup>2</sup>		
Three ply bituminous felt damp proof course bedded in cement and sand (1:3) mortar (Measured nett - allow for laps). 200 mm wide horizontal layer.								
All Walls	1	43.8		0.3	13.14			
					<b>13.14</b>	M <sup>2</sup>		
Concrete Block (40cmx20cmx15cm) Work In foundations including block moulding.								
long walls	2	14.8	0.4	1	11.84			
Short Walls	3	7.1	0.4	1	8.52			
Plinth Protection Long walls and short walls	1	23.1	0.2	0.4	9.24			
					<b>29.6</b>	M <sup>3</sup>		
P/L PCC 1:3:6 in								
Room Floors	1	14.4	7.1	0.1	10.224			
In Plinth Protection Long Walls and short	1	23.1	0.3	0.075	0.51975			
					<b>10.74375</b>	M <sup>3</sup>		

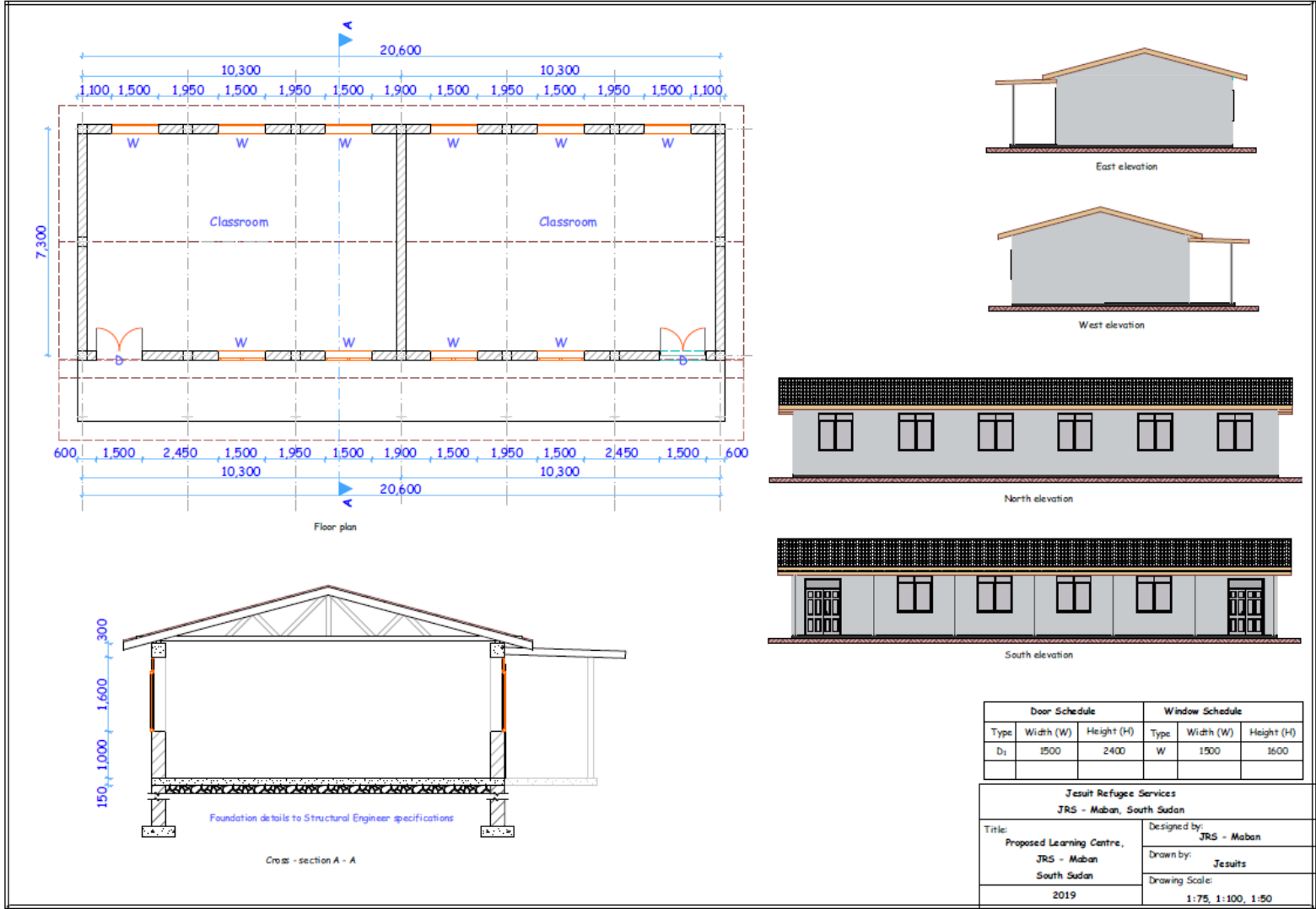
P/L Mat Cement sand screeding on the floor								
Floor	1	14.4	7.1		102.24			
In Plinth Protection Long Walls	1	23.1	0.3		6.93			
					<b>109.17</b>	M2		
P/L RCC 1:2:4 including form work, curing etc complete.								
Plinth beam all walls								
Long walls	2	14.8	0.2	0.3	1.776			
Short wall	3	7.1	0.2	0.3	1.278			
Ring beam								
Long walls	2	14.8	0.2	0.2	1.184			
Short wall	3	7.1	0.2	0.2	0.852			
Columns	15	0.22	0.22	4	2.904			
					<b>7.994</b>	M <sup>3</sup>		
Concrete Block Work in Super Structure walls (20 cm thick) including block moulding								
All Walls								
Long walls	2	14.8		3	88.8			
Short walls	3	7.1		3	63.9			
Deduct Door Openings	-1	1.5		2.1	-3.15			
Deduct Door Openings	-2	1.2		2.1	-5.04			
Deduct Window Openings	-2	1.5		2.1	-6.3			
Deduct Window Openings for mesh	-11	3		1.4	-46.2			

Deduct the columns	-15	0.2		3	-9			
					<b>83.01</b>	M <sup>2</sup>		
P/L Mild steel reinforcement in RCC works (including straightening, cutting, bending, placing, and binding as per the design and specifications)								
Column Footings 12 mm dia ,1.5 m bars @.15m c/c bw	15	10	0.6		90			
In plinth beams 12mm dia main bars all walls	1	43.8	5		219			
In Columns 12 mm dia main bars 4 in each column	15	4	4		240			
In ring beams 12mm main bars all walls	1	43.8	4		175.2			
					<b>724.2</b>	M		
Shear reinforcement 8 mm dia bars								
Plinth Beams 8mm dia @20cm c/c all walls	1	219	0.9		197.1			
Shear Bars in Columns 8mm dia @25 cm c/c	15	20	0.8		240			
Ring beams 8mm dia @20 cm c/c all walls	1	333	0.66		219.78			
					<b>656.88</b>	M		
S/F Mild Steel 6 mm dia for floor BRC reinforcement @ 50 cm c/c	1	14.4	7.1		<b>102.24</b>	M		
P/L Cement Sand Plaster (1:4) on walls including curing etc complete.								
Rooms inside Walls								

Long walls	2	14.4	3		86.4			
Short walls	3	7.1	3		63.9			
Outside Walls								
Long walls	2	14.8	3		88.8			
Short walls	2	7.5	3		45			
Deduct Room Door openings	-1	1.5	2.1		-3.15			
Deduct Room Door openings	-2	1.2	2.1		-5.04			
Deduct window Openings	-2	1.5	1.2		-3.6			
Deduct Window Openings for mesh	-11	3	1.4		-46.2			
					<b>226.11</b>	M <sup>2</sup>		
P/A white base paint as well as three coats of final paint (bluecolour all plastered surfaces.					<b>226.11</b>	M <sup>2</sup>		
Fabrication of Timber Truss and installation of CGI roof using Hard Wood treated Timber (4"x2" for Tie Beams,4"x3" for wall Plates, King Posts,4"x2" for Rafters,3"x2" for purlins) and Pre-Painted (blue) CGI Sheets 28 gauge (3mx0.9m)					99.52	M <sup>2</sup>		
S/F Timber 8"x1" for fascia board complete with white paint					47	M		
S/F Vinly suspended ceiling system in 600 x 600mm, lay in white in prison Room DONN TEE SYSTEM; PROFILE: T38 EXPOSED GRID and DONN M6 WALL ANGLE: COLOUR: WHITE	1	14.4	7.1		102.24	M <sup>2</sup>		

P/F Iron Doors with 16-gauge iron plate including frames, hinges, Pad Lock, Base coat of red oxide and finishing coat of blue paint etc complete in all respect.	1	1.5	2.1			Nos		
P/F Iron Doors with 16-gauge iron plate including frames, hinges, Pad Lock, Base coat of red oxide and finishing coat of blue paint etc complete in all respect.	2	1.2	2.1			Nos		
P/F metallic windows 16 gauge sheet, iron mesh, grill and glass including base coat paint of red oxide and finishing coats of blue colour, Pad Lock Hinges etc complete in all respect	2	1.5	1.2			Nos		
P/L RSH windows, with RSH30mm x 20mm including frames grill and (mesh size of 50mm X50mm on the interior expanded Metal (mesh size of 20mm X 10mm) on the exterior, fixing bolt and accessories including base coat paint of red oxide and finishing coats of blue colour, Pad Lock Hinges etc complete in all respect.	3	2	0.6			Nos		
Electrical Works including concealed piping, wiring, switchboards, switches, Distribution board, circuit breakers, tube lights and necessary fittings and fixtures in room					1	Job		
<b>Total Cost in USD (Labour + material)</b>								

ANNEXE III: DESIGNS AND DRAWINGS FOR LOT #1: S07EDU/M078/2021-A: CONSTRUCTION OF ONE (1) BLOCK OF CLASSROOMS IN JRS COMPOUND, BUNJ, MABAN.



ANNEXE III: DESIGNS AND DRAWINGS FOR LOT #1: S07EDU/M078/2021-A: CONSTRUCTION OF ONE (1) BLOCK OF KITCHEN AND DINING HALL IN JRS COMPOUND, BUNJ, MABAN.

