

SECTION II: EVALUATION METHOD AND CRITERIA

Quotations submitted in response to this RFQ shall be evaluated on the basis of the “lowest priced, most technically acceptable” methodology, which consists of the following steps:

- 1. Preliminary screening of quotations using formal and eligibility criteria:** This includes an assessment of whether quotations comply with the formal and eligibility criteria stated in the “Formal and Eligibility Criteria” table below. All quotations substantially compliant at this stage will go through subsequent evaluation as follows.
- 2. Technical evaluation using qualification criteria:** This determines which quotations are substantially compliant to the qualification criteria stated in the “Qualification Criteria” table below, and rejects non-compliant quotations. Only quotations meeting or exceeding the qualification criteria shall be considered substantially compliant.
- 3. Technical evaluation using technical criteria:** This determines each quotation’s technical compliance with the pre-defined technical criteria as identified in the “Technical Criteria” table below. Only quotations meeting or exceeding the technical criteria shall be considered substantially compliant. The technical evaluation shall be completed prior to initiating the financial evaluation.
- 4. Financial evaluation:** Financial evaluation of the quotations shall only be conducted for the quotations that have been determined to be substantially compliant in the technical evaluation. Quotations qualifying for a financial evaluation shall be checked for any arithmetic errors following Article 28 [*Minor Informalities, Errors or Omissions*]. Schedule 4.1.A [*Bill of Quantities*] shall be used for the financial evaluation. Schedule 4.1.B [*Daywork Schedule*] will not be used for the financial evaluation but will inform the assessment of reasonableness of cost. The lowest priced quotation among the most substantially compliant quotations will be selected for award. The technical advantages offered by a higher priced quotation may in certain cases justify selection of a quotation other than the lowest priced. Further, where none of the quotations fully meet the requirement specification, the most technically acceptable quotation can be selected for award.
- 5. Background check/due diligence:** After completion of the evaluation but prior to the award, UNOPS shall conduct background checks/due diligence on the bidder recommended for award, to confirm that the bidder meets the criteria set forth in this RFQ or as appropriate to the nature of the procurement process. UNOPS may reject a bidder’s quotation on the basis of the findings. Bidders shall permit UNOPS representatives to access their facilities at any reasonable time to inspect the bidder’s premises, equipment, Plant or Materials.

At any time during the evaluation process, UNOPS may request clarification or further information in writing from bidders. The bidder’s responses shall not contain any changes regarding the substance, including the technical and financial part of their quotation. UNOPS may use such information to interpret and evaluate the relevant quotation.

UNOPS evaluation of a quotation shall take into account the evaluation criteria described in the following tables.

1. FORMAL AND ELIGIBILITY CRITERIA

Criteria evaluated on a pass/fail basis during the preliminary screening

Documents to establish compliance with the criteria

1. The bidder is eligible as defined in **Section I: Instructions to Bidders**, Article 4 [*Bidder Eligibility*].

- Schedule 0.1 [*Quotation Submission Declaration*]
- Schedule 0.2 [*Bidder's Information*]
- Schedule 0.3 [*Joint Venture Partner Information*], all documents as required in the Schedule, in the event that the quotation is submitted by a Joint Venture. (**(NOT USED)**)
- UNGM suppliers ineligibility lists

2. The quotation is complete, i.e., all documents and technical documentation requested in **Section I: Instructions to Bidders**, Article 11 [*Content of Quotation Submissions*] have been provided and are complete.

- All documentation as requested under **Section I: Instructions to Bidders**, Article 11 [*Content of Quotation Submissions*]

3. The bidder accepts conditions of the Contract as specified in **Section III: Conditions of Contract**.

- Schedule 0.1 [*Quotation Submission Declaration*]

4. A bid security is provided.

- Schedule 0.8 [*Form for Bid Security*] (**(NOT USED)**)

5. A bidder is allowed to participate in one or both Lots. Bidders with two (2) lots shall submit independent resources. Duplication of resources for two lots is NOT allowed. **A MAXIMUM OF ONLY TWO AWARDS THROUGHOUT ALL UNOPS WORKS CONTRACTS IS ALLOWED.** When/if participating in two lots UNOPS's best interest will be the criteria for which lot to be considered.

- Schedule 0.1[*Quotation Submission Declaration stating the Lots participated*]

2. QUALIFICATION CRITERIA

| Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria |
|---|---|
| 1. Financial capability The bidder has sufficient liquidity, demonstrated by the ratio of “average current assets / current liabilities” for any of two (2) years over the last seven(7)] years which must be equal to or greater than one (1) or the bidder has access to a line of credit or bank overdraft or other financial means to meet a working capital/cash flow requirement of [4 Million ETB] for Single LOT and [8 Million ETB] for Two LOTs (should the bidder be selected). | <ul style="list-style-type: none"> Copy of audited financial statements for any of two (2) years over the last [seven (7)] years <p>OR</p> <ul style="list-style-type: none"> A letter from a financial institution/bank confirming access to a line of credit or other financial means |
| 2. Financial capability The bidder has an annual turnover of minimum 20.0 Million ETB] for a single Lot in any one of the last [seven (7)] years. For two (2) Lots, the annual turnover of minimum 40 Million ETB in any one of the last seven(7) years. | <ul style="list-style-type: none"> Copy of audited financial statements for any of two (2) years over the last [seven (7)] years |
| 3. The bidder has been in continuous business during the last [one (1)] year. For bidders in Tigray Region- The bidder has been in continuous business before the conflict. That is during the 2019 and 2020 year | <ul style="list-style-type: none"> Certification of incorporation of the bidder |
| 4. The bidder has experience successfully delivering similar two (2) construction works contracts during the last [seven (7)] years prior to bid opening. | <ul style="list-style-type: none"> Schedule 0.4 [Capacity and Experience] Schedule 0.7 [Performance Statement] |
| 5. The bidder has the registration under the category/grade Five (5) and above in the body that governs and regulates the construction industry in the Country. | <ul style="list-style-type: none"> Certification of registration |
| 6. Multiple contracts The RFQ includes a total of two (2) Lots. A bidder is allowed to participate in one (1) or two (2) lots. The distinct criteria to evaluate all the lots remain the same. However, since the works will be carried out concurrently, bidders with two (2) lots will be required to double the criteria requirements set for a single lot. Resources for each lot need to be independent. Besides, bidders who have engaged live contracts with UNOPS-ETMCO should come up with independent resources and by any means shall NOT overlap with any of the previous bids that had been concluded in a contract agreement with UNOPS-ETMCO. | <ul style="list-style-type: none"> [The above documentations will serve for evaluation of the Lots.] |

3. TECHNICAL CRITERIA (ONE LOT)

| Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria |
|---|---|
|---|---|

To be substantially compliant, bidders must meet all the minimum requirements/criteria and score 'pass' against each of the criteria.

In Section VI: Returnable Schedules:

- All schedules under Schedule 4 [*Contract Schedules from the Bidder*]
- Schedule 0.5 [*Format for Resume of Proposed Key Personnel*]

| Parts of the Technical Quotation Evaluation: Number and description | | Obtainable rating |
|---|--|-------------------|
| 1. | Bidder's capacity and expertise | Pass/Fail |
| 2. | Proposed methodology, approach and implementation plan | Pass/Fail |
| 3. | Key personnel proposed | Pass/Fail |
| 4. | Key equipment proposed | Pass/Fail |
| 5. | Oral presentations | Pass/Fail |

| Part 1: Bidder's capacity and expertise | | |
|---|--|---|
| No. | Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria (not exhaustive) |
| 1.1 | The bidder has the general organizational capability that can support effective implementation: management structure, financial stability and project financing capacity, project management controls, and the extent to which any work would be subcontracted | <ul style="list-style-type: none"> • Copy of audited financial statements for any of two (2) years over the last [seven (7)] years • Schedule 4.5 [<i>Organizational Structure</i>] • Schedule 4.6 [<i>Subcontractors</i>] |
| 1.2 | The bidder has relevant specialized knowledge and experience on similar works done in the region or country. | <ul style="list-style-type: none"> • Schedule 0.4 [<i>Capacity and Experience</i>] • Schedule 0.7 [<i>Performance Statement</i>] |
| 1.3 | The bidder has the capacity to undertake the scope of Works in addition to its current workload. | <ul style="list-style-type: none"> • Schedule 0.4 [<i>Capacity and Experience</i>] |

Part 2: Proposed methodology, approach and implementation plan

| No. | Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria (not exhaustive) |
|-----|---|---|
| 2.1 | The quotation (in particular, the detail of the Works) is substantially compliant and does not contain any material deviation(s) from the minimum requirements as stipulated in Section V: Requirements , which indicates the bidder's understanding of these requirements. | <ul style="list-style-type: none"> • All schedules under Schedule 4 [<i>Contract Schedules from the Bidder</i>] in Section VI: Returnable Schedules |
| 2.2 | The Programme is substantially compliant and does not contain any material deviation(s) from the requirements as stipulated in Section V: Requirements . The bidder's preliminary Programme and outline statement of proposed methods demonstrate the bidder's capacity to plan and programme the Works within timelines that are consistent with industry practices, the Project requirements and proposed methodology. | <ul style="list-style-type: none"> • Schedule 4.3 [<i>Method Statement</i>] |
| 2.3 | The quotation satisfactorily demonstrates that the requirements for insurance will be met, either through demonstrating that the bidder's insurances comply with the requirements of the RFQ(if any), or by providing a confirmation letter that the bidder will affect the required insurances as specified under Schedule 3.11 [<i>Insurance Requirements</i>], if selected. | <ul style="list-style-type: none"> • Schedule 4.9 [<i>Insurance Details and Insurances</i>] • Confirmation letter (or draft policy) from an insurer stating that the required insurance policies will be provided to the bidder, if selected. |
| 2.4 | The quotation satisfactorily demonstrates that the Health, Safety, Social and Environmental (HSSE) requirements in relation to the Works will be consistently met. | <ul style="list-style-type: none"> • Schedule 4.3 [<i>Method Statement</i>] |
| 2.5 | <p>The bidder's proposed subcontractors and suppliers, if identified, are proposed to undertake appropriate quantities of Works and have demonstrated the capacity to undertake the work and are located in appropriate locations.</p> <ul style="list-style-type: none"> • The maximum subcontracting amount shall not be greater than 40% of the contract price. | <ul style="list-style-type: none"> • Schedule 4.6 [<i>Subcontractors</i>] <p>Incase the bidder wish to subcontract portion of the works , the bidder shall provide the documents that indicates</p> <ul style="list-style-type: none"> • the detail and portion of the work to be subcontracted • the name of the subcontractor and competency of testimony of the subcontractor |
| 2.7 | The Programme and method statement details how the different work elements shall be organized, controlled and delivered based on the quality management system. | <ul style="list-style-type: none"> • Schedule 4.3 [<i>Method Statement</i>] |

Part 3: Key personnel proposed

| No. | Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria (not exhaustive) |
|-----|--|--|
| 3.1 | The composition and structure of the team proposed is appropriate and the proposed roles of the management and the team of Key Personnel is suitable for the provision of the necessary Works. | <ul style="list-style-type: none"> • Schedule 4.4 [<i>Key Personnel</i>] • Schedule 4.5 [<i>Organizational Structure</i>] |
| 3.2 | <p>The qualifications and experience of Key Personnel proposed meet the established requirements.</p> <ul style="list-style-type: none"> • One Project Manager ; • One Site Engineer; • One Sanitary Technician; • One Electrical Technician; • One HSSE Specialist;. • One General Foreman-;. | <ul style="list-style-type: none"> • Schedule 0.5 [<i>Format for Resume of Proposed Key Personnel</i>] • Schedule 4.4 [<i>Key Personnel</i>] |

Part 4: Key equipment proposed

| No. | Criteria evaluated on a pass/fail basis during the technical evaluation | Documents to establish compliance with the criteria (not exhaustive) |
|-----|--|--|
| 4.1 | <p>The proposed equipment meets the established requirements in Schedule 3.10 [<i>Equipment and Machinery Requirements</i>] and demonstrates the capacity of the bidder to undertake the work.</p> <ul style="list-style-type: none"> • Two Concrete mixer (350 liter) • One Dump Truck-14 m3 Capacity • One 4WD Pickup (5 seats) • Two Plate compactor Minimum plate size of 400mm x 400mm and weight min 50 Kg.; • Two Concrete vibrator: Hose size of 38mm; • One 5000 ltr water tanker; • One Diesel Generator Minimum size of One Welding machine; | <ul style="list-style-type: none"> • Schedule 4.7 [<i>Contractor's Equipment and Machinery</i>] |

Part 5: Oral presentations (NOT USED)

| No. | Criteria evaluated on a pass/fail basis during the technical evaluation |
|-----|---|
|-----|---|

Oral presentation:

All bidders who presented substantially compliant quotations in evaluation parts [5] will be/may be required to make an oral presentation either in person or remotely, at the discretion of UNOPS. Information from the oral presentation will also be used as part of the technical evaluation process. UNOPS reserves the right to incorporate elements from oral presentations in the final contract. The oral presentation will not encompass price quotations.

Oral presentation ground rules:

The selected bidders as specified above must make an oral presentation to the UNOPS evaluation team and participate in a question and answer session. The purpose of the oral presentation and question and answer session is to validate the information provided by the bidder in their quotation and to test the bidder's understanding of the work that will be performed as per the requirements under the prospective Contract, which will be a factor in the overall technical evaluation of the quotations. UNOPS may, moreover, request a demonstration of the tools and/or systems offered, as relevant. Each bidder will be allowed 45 minutes to make their oral presentation.

5.1

Oral presentations will begin approximately Three weeks after the receipt of quotations. UNOPS will determine the date and time for each bidder's oral presentation. The UNOPS procurement official will notify bidders of the scheduled date and time, as well as the agenda for their presentation within three weeks of the receipt of quotations. At its sole discretion, UNOPS reserves the right to reschedule any bidder's presentation. Should they be invited, bidders must confirm their availability for that date.

The presentation must be made by one or more of the personnel whom the bidder will employ to manage or supervise the contract performance. A senior executive from the bidder must be present and must, at a minimum, answer questions directed to them during the question and answer session. Bidders may not use consultants to make the oral presentation. The bidder should be prepared to answer detailed technical questions from UNOPS.

During the presentation, interaction between the evaluation team and the bidder will be limited. The UNOPS procurement official will chair the meeting and ensure compliance with the ground rules. UNOPS will not inform bidders of their strengths, deficiencies or weaknesses during the presentation, and UNOPS will not engage in bargaining during the presentations. The presentation does not constitute discussions or negotiations with bidders.

UNOPS reserves the right to make video or audio recordings of oral presentations for its own internal use. These will not be released or made public, except where required by law.

SECTION III: CONDITIONS OF CONTRACT

INSTRUMENT OF AGREEMENT

- [Construction Contract for Small Works: Instrument of Agreement](#)

GENERAL CONDITIONS OF CONTRACT

- [Construction Contract for Small Works: General Conditions of Contract](#)

PARTICULAR CONDITIONS OF CONTRACT

Part 1: Amended Clauses

The General Conditions are amended in the following manner (if nothing is stated, then no amended conditions apply):

| No. | Clause/Sub-Clause No. and Title | Amended General Condition |
|-----|---------------------------------|---------------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

Part 2: Additional Clauses

The General Conditions are supplemented by the inclusion of the following additional conditions (if nothing is stated, then no additional conditions apply):

| No. | Clause/Sub-Clause No. and Title | Additional General Condition |
|-----|---|---|
| 1 | 10.1 Contract Price and Valuation of Work | (e) The contractor has to declare value added tax (VAT) to the authorised government offices within a month after receipt of each interim payment as stated in sub-Clause 10.1 (d) and provide the relevant declaration evidence for UNOPS. If the contractor fails to declare and provide the evidence, UNOPS will deduct an equivalent amount from the contractor's succeeding payment in accordance with sub clause 10.4 (b)(i) general condition of contract. |
| 2 | 4.2 performance security | (f) For this particular project, the currency of the ITB is USD. Bidders recommended for the award need to have a USD bank account to be paid in USD. In case a bidder fails to avail a USD account, the agreed contract |

| | | |
|---|--|---|
| | | <p>price shall be changed to ETB at the UN exchange rate at the time of the contract signing, and interim & final payments shall be made at the same rate throughout the contract duration.</p> <p>(g) The required performance bank guarantee bond for bidders to be paid in USD or ETB needs to be in USD or ETB, respectively. The bank performance guarantee prepared in ETB is not accepted for the USD currency contract. In case UNOPS activates a compensation claim against the bank on the USD bank guarantees (if the bidder fails to deliver its obligation), the compensation shall be calculated based on the bank rate at the time of the claim.</p> |
| 3 | | |
| 4 | | |
| 5 | | |

SECTION IV: SCHEDULE OF DETAILS

SCHEDULE 1: CONTRACT DETAILS

1.1 Details Provided by the Employer

[To select an option, put an X over the relevant blank box]

| Sub-Clause No. | Description | Details |
|----------------|---|---|
| 1.1 | Description of parts of the Works that shall be designated a Section for the purposes of the Contract | LOT-1: Construction of Sereгна Primary School Section 1: Two block Classroom Buildings Section 2: Hybrid toilet Section 3: Utilities and External Works LOT-2: Construction of Semret Health Post; Section 1: Outpatient Department Section 2: Staff Residence Section 3: standard hybrid toilet Section 4: Utilities and External Works |
| 1.3 | Employer's address for communication | Name: Sarah Tesfay Position title: Lead Civil Engineer, ETMCO, Ethiopia Office Address: UNOPS Branch Office Adihaki Subcity Hayelom Xone C-16 behind gemad hotel, Mekelle, Tigray, Ethiopia Email address: Sarahda@unops.org Telephone/Mobile number: +251911313075 |
| 1.3 | Agreed system of electronic transmission | <input type="checkbox"/> X Email: <input type="checkbox"/> If others, specify: |
| 3.1 | Employer's Representative | Name: David Connor Bowden Position title: Portfolio Senior Manager Address: UNOPS Branch Office Adihaki Subcity Hayelom Xone C-16 behind gemad hotel, Mekelle, Tigray, Ethiopia Email address: davidbo@unops.org Telephone/Mobile number: +251976368598 |
| 4.2 | Performance Security amount | 5 % of the Contract Price up to the end of the DNP period |
| 4.2 | Currency of the Performance Security | USD |
| 4.2 | Permitted guarantors for Performance Security | <input type="checkbox"/> Bank or financial institutions approved by the Employer <input checked="" type="checkbox"/> Bank approved by the Employer |

| | | |
|------|---|--|
| 6.1 | Commencement Date | To be specified after award and signing of agreement |
| 6.2 | Time for Completion | <p>For whole of the Works: 6 months/ 180 days</p> <p>For Sections:</p> <p>Section 1: ___ months/ ___ days</p> <p>Section 2: ___ months/ ___ days</p> <p>Section 3: ___ months/ ___ days</p> |
| 6.5 | Delay Damages | <p>For Whole of the Works:</p> <p><input type="checkbox"/> Amount per day: _____ USD</p> <p><input checked="" type="checkbox"/> <u>0.1</u> % of the Contract Price per day</p> <p>For Sections:</p> <p>Section 1:</p> <p><input type="checkbox"/> Amount per day: _____ USD</p> <p><input type="checkbox"/> ___ % of the value of the Section per day</p> <p>Section 2:</p> <p><input type="checkbox"/> Amount per day: _____ USD</p> <p><input type="checkbox"/> ___ % of the value of the Section per day</p> <p>Section 3:</p> <p><input type="checkbox"/> Amount per day: _____ USD</p> <p><input type="checkbox"/> ___ % of the value of the Section per day</p> |
| 6.5 | Aggregate maximum amount of Delay Damages | 10 % of the Contract Price |
| 8.1 | Defects Notification Periods (DNP) | 12 months |
| 8.4 | Latent Defect Period | na |
| 10.2 | Advance payment amount | <p><input checked="" type="checkbox"/> <u>10</u> % of the Contract Price</p> <p><input type="checkbox"/> _____ USD</p> <p><input type="checkbox"/> Not applicable</p> |
| 10.2 | Permitted guarantors for advance payment | <p><input type="checkbox"/> Bank or financial institutions approved by the Employer</p> <p><input checked="" type="checkbox"/> Bank approved by the Employer</p> |
| 10.2 | Period of repayment of advance payment | <p><input checked="" type="checkbox"/> <u>4</u> months</p> <p><input type="checkbox"/> ___ IPCs</p> |
| 10.3 | Retention Money to be deducted from the IPC | <u>5</u> % of the relevant value of the Works completed |

| | | |
|-------|--|--|
| 10.3 | Limit of Retention Money | <input type="checkbox"/> _____ USD <input checked="" type="checkbox"/> <u>5</u> % of Contract Price |
| 10.3 | Rate of advance payment deductions | 12.5 % of the relevant value of the Works completed. The advance payment shall be completely repaid prior to the time when 80% of the Contract price has been certified for payment. |
| 10.5 | Retention Money to be released at taking over of Works or Sections | <u>50</u> % of the Retention Money deducted for the value of the Section or whole of the Works, as applicable |
| 10.10 | Currencies of payment | Currency 1: USD Currency 2: ETB (For the bidders who can not qualify to be paid in USD directly , payment will be effected in equivalent amounts of ETB according to United Nation Operational Exchange Rate (UNORE)on the date of signing of the contract .) |
| 10.10 | Proportions of currencies for payment | Currency 1: <u>100</u> % Currency 2: _____ % |
| 10.10 | Rate of exchange | Incase it is required to apply, the rate of exchange will be in according to the united nation operational exchange rate(UNORE) for the corresponding Month UN Prevailing Exchange Rate |
| 10.11 | Annual rate of financing charges for delayed payment | <u>0.1</u> % |

SCHEDULE 2: PROJECT SPECIFIC INFORMATION

2.1 Project Details

(Brief description of the project including title, location and background and any other relevant details for which the Works are being executed)

The recent conflict erupted in the northern region of Ethiopia (Tigray) has resulted in loss of a number of lives and destruction of properties that has included basic infrastructure facilities for the communities and basic service giving institutions like schools, hospitals, health centres and health posts, water infrastructures and sanitation.

The government of Ethiopia and its partners have pledged funds to rehabilitate and recover conflict-affected basic service provisions as an emergency response with the aim to promote recovery and resilience for conflict affected communities in Ethiopia. UNOPS has identified these Two Sites as part of the recovery response for construction of classrooms, administration, storage and toilet buildings for a primary school and a health center that have undergone critical damages associated with the conflict. UNOPS-ETMCO has organized its retainer's pool and conducted detailed technical assessment and developed design documents for the construction of the new infrastructure facilities at these two sites.

UNOPS is looking for a competent company for construction of school and health facilities in the two sites as categorized into two Lots. **Bidder are allowed to participate for one or both lots** as described hereunder:

LOT-1: Seregna Primary School

Project Name: Construction of two Classroom buildings, School Toilet Building for Seregna Primary School;

Location- Seregna Primary School is located at the Geographical coordinates of (12.73326667°N, 39.50588667°E) in the woreda of Endamhoni about 8 Km south of Maichew town, It can be accessed 4 Km along the Maichew- Alamata road and another 4Km on rough road.

Description of Works: Construction of Classroom Building with two blocks comprising 6 classrooms and Construction of a standard hybrid type toilet. The work includes water supply system, sanitations, electrical installation systems of Solar power source & external works all as shown on the drawings and bill of quantities.

LOT-2: Semret Health Post

Project Name: Construction of Outpatient Department, Staff Residence and a standard hybrid toilet;

Location - Semret health post is located at the Geographical coordinates of (12.7340056°N, 39.5043274°E) in the town of Endamokoni. The health post is near the Serenga primary school and accessed by a gravel road connecting it to the village

Description of Works: Construction of Outpatient Department, Staff Residence and a standard hybrid toilet including Ancillary works such as landscaping, walkways, fence and

gate.

2.2 Site Plan

1. General description of location and boundaries including the GPS coordinates:

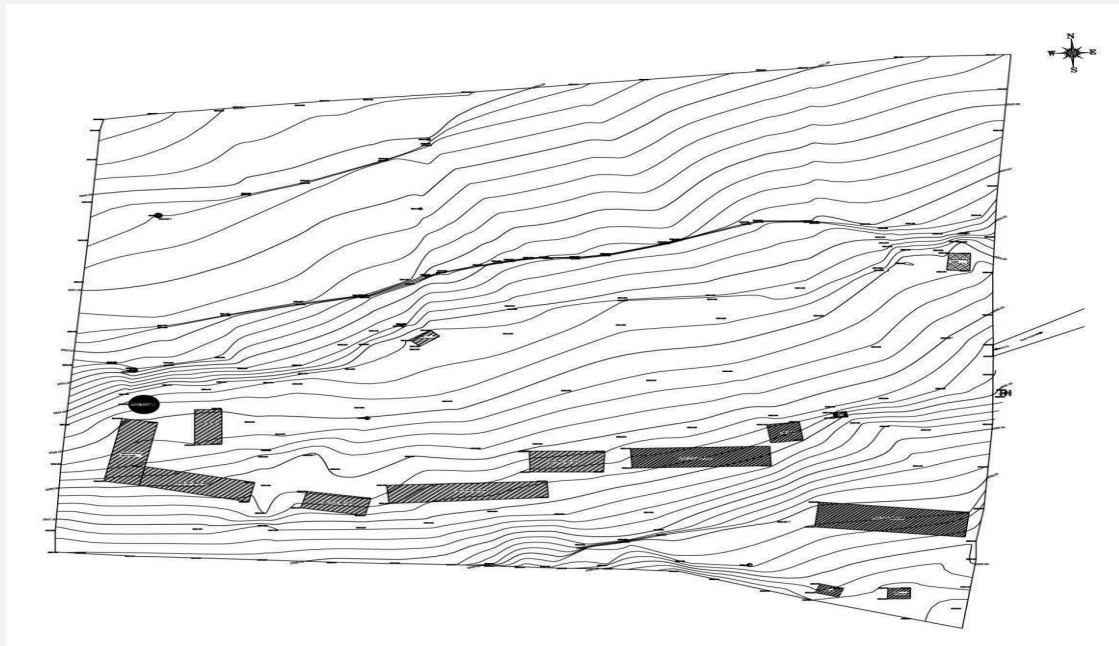
LOT-1: Seregna Primary School

With a total area of 35,365.6m² area, the school is relatively bigger and accommodates more than the basic requirement set by the ministry of education for a primary school area wise; Seregna Primary School is located at the Geographical coordinates of (12.73326667°N, 39.50588667°E) in the woreda of Endamokoni. Located in the middle of a small town settlement about 8 Km south of Maichew town. It can be accessed 4 Km along the Maichew- Alamata road and another 4Km on rough road..After the conflict ended, the school has been turned into a military camp and is being used as a temporary dwelling for the TDF. It is expected to be evacuated before the start of the new school year.



Seregna Primary School (Google Earth Map)

Serenga primary school site is situated on relatively flat land on the north part and with a major slope difference on the southern area. The highest point on the site being 2560m above sea level and the lowest at 2550, the maximum level difference is 10m. This makes the slope 5.08% from the highest to the lowest point.



Seregna Primary School- Topographic Map

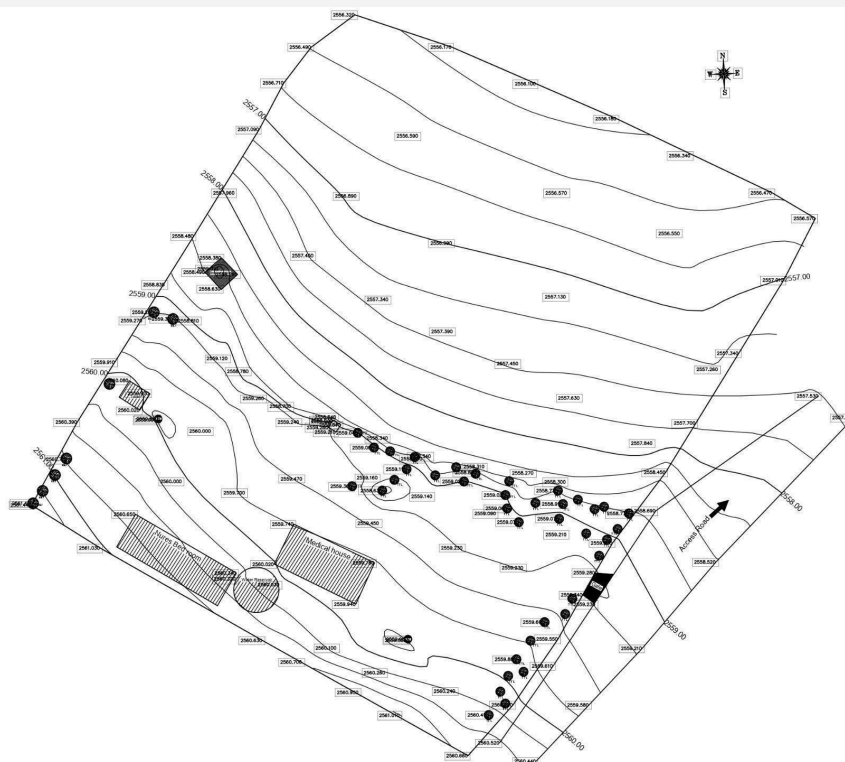
LOT-2: Semret Health Post

With a total area of 5,686.7m² area, the health post is located in Serenga woreda. Semret health post is located at the Geographical coordinates of (12.7340056°N, 39.5043274°E) in the town of Endamokoni. The health post is near the Serenga primary school and accessed by a gravel road connecting it to the village.



Semret health post (Google Earth Map)

Semret health post is situated on a relatively flat area with only 4m difference between the highest and lowest point within the site.. The highest point being 2561 m above sea level and the lowest is 2557m. This makes the slope 5.13% from the highest to the lowest point.



Topographic Map (Semret Health Post)

2. General description of the parts of the Site that will be provided access to and the times of access (in accordance with Sub-Clause 2.1 of the General Conditions):

Part of the site proposed for construction of the facilities including working spaces will be provided access to the Contractor for the period of the contract. This will be made through discussion and arrangement with the respective school management.

3. Description of access routes, access timing and any access restrictions:

LOT-1: Seregna Primary School

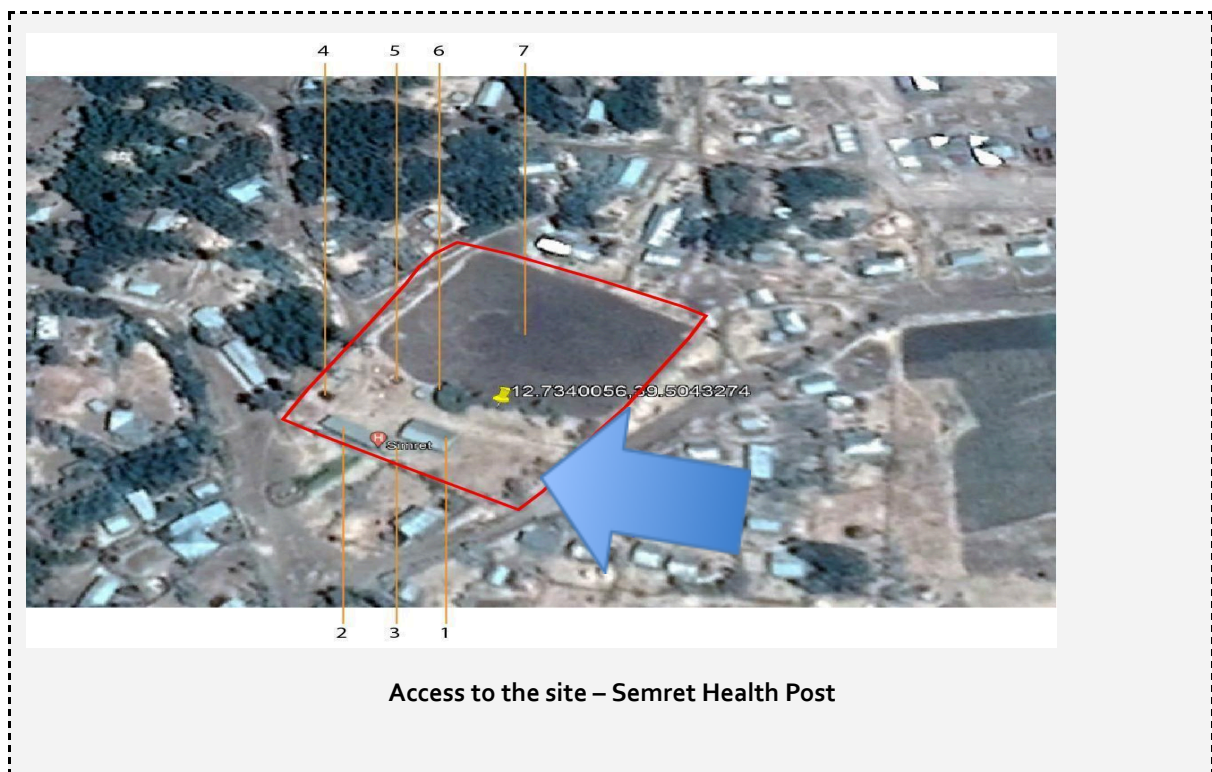
It can be accessed 4 Km along the Maichew- Alamata road and another 4Km on a rough road that runs along the Nw to the SE direction of the boundary. Access during the contract period and with no restriction.



Access to the site – Seregna Primary School

Lot-2: Semret Health Post

Entrance to the site is on the south eastern periphery of the site. It only consists of two concrete posts to mark it. Most of the territory is fenced by dried twigs and trees grown alongside the border as surrounded by farmland.



4. Description of other surrounding sites and any related interface issues:

N/A

5. Description of approved location for the Contractor's¹ Site facilities including storage, accommodation, work areas and likewise and where Plant and Materials should be delivered and stored (in accordance with Sub-Clause 1.1 of the General Conditions):

The contractor shall furnish relevant site facilities and submit the site arrangement to the approval of the site supervisor. The site facilities may include contractor's site offices, material storage, temporary latrine, and working places.

6. Description of Site arrangements that is to be provided for the Employer's use:

¹ For the purposes of this RFQ, when the term "Contractor" is used, it refers to the bidder. The Schedules, submitted by the bidder whose bid is accepted after evaluation and who is awarded the Contract, will be included in the Contract.

N/A

7. Description of disposal areas (within the Site or outside the Site in accordance with Sub-Clause 4.17 of the General Conditions):

Disposal areas will be arranged outside the site but within 1.0Km distance.

8. Description of any Site security requirements (in accordance with Sub-Clause 4.14 of the General Conditions):

- The Contractor is required to keep the site safe and secured in line with HSSE Requirements. Among others, this will include:
 - Temporary fence around the construction site;
 - Build temporary guard house at the entrance of the site;
 - Construction of proper site drainage to keep the site safe from flooding and incidental flooding;
 - Post HSSE signage at the entrance.

9. Any other Site details:

N/A

SCHEDULE 5: FORMS

5.1 Form for Advance Payment Security

ADVANCE PAYMENT SECURITY

[On the letterhead of the institution issuing the security]

Date: ____/____/____

Advance Payment Security Number: [#####]

To: UNOPS
[insert address of the Employer]

We have been informed that you have entered into a Contract dated [insert date] with [insert company name] (hereinafter called the “**Contractor**”) titled [insert contract title] with Contract No. [insert number] for the [insert name of the project] for certain works and services (hereinafter called the “**Works**”) to be undertaken by the Contractor (hereinafter called the “**Contract**”).

Furthermore, we understand that, according to the conditions of the Contract, an advance is to be made against an Advance Payment Security. At the request of the Contractor, we irrevocably and unconditionally notwithstanding any objection which may be made by the Contractor and without any right of set-off or counterclaim, undertake with you that whenever you give written notice we agree to pay you on demand immediately any sum or sums not exceeding in total an amount of [insert amount(s) in words (and figures) with the relevant currency], (hereinafter called the “**Guaranteed Sum**”) upon receipt by us of your first demand in writing declaring that the supplier is in breach of its obligation under the Contract with respect to the advance payment. It is a condition for any claim and payment under this guarantee to be made, that the advance payment referred to above must have been received by the Contractor.

This Guarantee for Advance Payment (hereinafter called the “**Guarantee**”) is valid and will continue to be valid from the date of this letter and until the Guaranteed Sum has been recovered by you. The Guaranteed Sum shall reduce automatically proportionally to the part of the advance payment you have recovered according to the terms and conditions for the advance payment. This Guarantee will automatically expire upon us receiving from you certification that the Guaranteed Sum has been fully repaid by the Contractor.

Any payment by us to you in accordance with this Guarantee must be in immediately available and freely transferable [insert currency] free and clear of and without any deduction for or on account of any present or future taxes, levies, imposts, duties, charges, fees, set off, counterclaims, deductions or withholdings of any nature whatsoever and by whomever imposed.

Our obligations under this Guarantee constitute direct primary, irrevocable and unconditional obligations. Additionally, our obligations do not require any previous notice to be given to the Contractor and do not require that any claim be made against the Contractor. Further, our obligations will not be discharged and will not be otherwise prejudiced or adversely affected by any:

- time, lenience or tolerance which you may grant to the Contractor;
- amendment, modification or extension which may be made to the Contract or the Works performed under the Contract;
- intermediate payment or other fulfilment made by us;
- change in the constitution or organization of the Contractor; or
- other matter or thing which in the absence of this provision would or might have that effect, except a discharge or amendment expressly made or agreed to by you in writing.

This Guarantee may not be assigned by you to any third party, without our prior written consent, which must not be unreasonably withheld. You must notify us in writing of any assignment, after which we must make any

payment claimed under this Guarantee to the person, firm or company specified in the notice which will constitute a full and valid release by us in relation to that payment.

Any notice required by this Guarantee is deemed to be given when delivered (in the case of personal delivery) or forty-eight (48) hours after being dispatched by prepaid registered post or recorded delivery (in the case of letter) or as otherwise advised by and between the parties.

We agree that part of the Contract may be amended, renewed, extended, modified, compromised, released or discharged by mutual agreement between you and the Contractor, and this security may be exchanged or surrendered without in any way impairing or affecting our abilities under this Guarantee without notice to us and without the necessity of any additional endorsement, consent or guarantee by us, provided, however, that the Guaranteed Sum does not increase.

No action, event or condition which by any applicable law may operate to free us from liability under this Guarantee will have any effect. We waive any right we may have to apply such law so that in all respects our liability under this Guarantee will be irrevocable and, except as stated in this Guarantee, unconditional in all respects.

Capitalized words and phrases used within this Guarantee have the same meanings as are given to them in the Contract.

This Guarantee is governed by the Uniform Rules for Demand Guarantees (2010 Revision), International Chamber of Commerce Publication No. 758, provided that the supporting statement under Article 15 (a), and Articles 34 and 35 are excluded. Any disputes arising out of or in connection with this Guarantee, or the breach, termination, or invalidity thereof will be referred to and finally resolved by arbitration in accordance with the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules then in effect, the language of the proceedings being English.

Nothing in or relating to this Guarantee shall be deemed a waiver, express or implied, of any of the privileges and immunities of the United Nations, including its subsidiary organs, of which UNOPS is an integral part, which are hereby expressly reserved.

IN WITNESS of which the [insert name of the institution issuing the guarantee] has duly executed this Guarantee on the date stated above.

SIGNED by

Name:

Title:

Institution:

Date:

Signature:

Name of witness (block letters):

Occupation of witness:

Address of witness:

Signature of witness:

ADDRESS FOR NOTICES [insert address]

5.2 Form for Performance Security

PERFORMANCE SECURITY

[On the letterhead of the institution issuing the security]

Date: ____/____/____

Performance Security Number: [#####]

To: UNOPS
[insert address of the Employer]

We have been informed that you have entered into a Contract dated [insert date] with [insert company name] (hereinafter called the “**Contractor**”) titled [insert contract title] with Contract No. [insert number] for the [insert name of the project] for certain works and services (hereinafter called the “**Works**”) to be undertaken by the Contractor (hereinafter called the “**Contract**”).

We, irrevocably and unconditionally undertake with you that whenever you give written notice to us stating that in your sole and absolute judgment the Contractor has failed to observe or perform any of the terms, conditions or provisions of the Contract on its part to be observed or performed, we will, notwithstanding any objection which may be made by the Contractor and without any right of set-off or counterclaim, immediately pay to you or as you may direct such an amount as you may in such notice require not exceeding the sum of [insert amount equivalent to 5 or 10 percent of the Contract Price in words (and figures) with the relevant currency] (hereinafter called the “**Guaranteed Sum**”).

This Performance Security (hereinafter called the “**Guarantee**”) is valid and will continue to be valid and enforceable from the date of this letter for the Guaranteed Sum until the issue of the Final Completion Certificate. The Guaranteed Sum may reduce to [2.5 or 5: select one] percent of the Contract Price upon the issue of the Taking-Over Certificate for the whole of the Works. This Guarantee will automatically expire on the issue of the Final Completion Certificate or, if a dispute arises under the Contract, after the final determination of that dispute, whichever occurs later. Promptly after expiration of the Guarantee, UNOPS shall return the Guarantee to the Contractor.

Any payment by us in accordance with this Guarantee must be in immediately available and freely transferable [insert currency] free and clear of and without any deduction for or on account of any present or future taxes, levies, imposts, duties, charges, fees, set off, counterclaims, deductions or withholdings of any nature whatsoever and by whomever imposed.

Our obligations under this Guarantee constitute direct primary, irrevocable and unconditional obligations, do not require any previous notice to or claim against the Contractor and will not be discharged or otherwise prejudiced or adversely affected by any:

- time, lenience or tolerance which you may grant to the Contractor;
- amendment, modification or extension which may be made to the Contract or the Works executed under the Contract;
- intermediate payment or other fulfilment made by us;
- change in the constitution or organization of the Contractor; or
- other matter or thing which in the absence of this provision would or might have that effect, except a discharge or amendment expressly made or agreed to by you in writing.

This Guarantee may not be assigned by you to any third party, without our prior written consent, which must not be unreasonably withheld. You must notify us in writing of any assignment, after which we must make any payment claimed under this Guarantee to the person, firm or company specified in the notice which will constitute a full and valid release by us in relation to that payment.

Any notice required by this Guarantee is deemed to be given when delivered (in the case of personal delivery) or forty-eight (48) hours after being dispatched by prepaid registered post or recorded delivery (in the case of letter) or as otherwise advised by and between the parties.

We agree that part of the Contract may be amended, renewed, extended, modified, compromised, released or discharged by mutual agreement between you and the Contractor, and this Guarantee may be exchanged or surrendered without in any way impairing or affecting our liabilities under this Guarantee without notice to us and without the necessity of any additional endorsement, consent or guarantee by us, provided, however, that the Guaranteed Sum does not increase or decrease.

No action, event or condition which by any applicable law may operate to free us from liability under this Guarantee will have any effect. We waive any right we may have to apply such law so that in all respects our liability under this Guarantee will be irrevocable and, except as stated in this Guarantee, unconditional in all respects.

Capitalized words and phrases used within this Guarantee have the same meanings as are given to them in the Contract.

This Guarantee is governed by the Uniform Rules for Demand Guarantees (2010 Revision), International Chamber of Commerce Publication No. 758, provided that the supporting statement under Article 15 (a), and Articles 34 and 35 are excluded. Any disputes arising out of or in connection with this Guarantee, or the breach, termination, or invalidity thereof will be referred to and finally resolved by arbitration in accordance with the United Nations Commission on International Trade Law (UNCITRAL) Arbitration Rules then in effect, the language of the proceedings being English.

Nothing in or relating to this Guarantee shall be deemed a waiver, express or implied, of any of the privileges and immunities of the United Nations, including its subsidiary organs, of which UNOPS is an integral part, which are hereby expressly reserved.

IN WITNESS of which then [insert name if the institution issuing the Guarantee] has duly executed this Guarantee on the date stated above.

SIGNED by

Name:

Title:

Institution:

Date:

Signature:

Name of witness (block letters):

Occupation of witness:

Address of witness:

Signature of witness:

ADDRESS FOR NOTICES [insert address]

5.3 Form of Discharge

FORM OF DISCHARGE(NOT USED)

[on the Contractor's letterhead]

Date: ____/____/____

To: UNOPS
[insert address of the Employer]

Dear _____,

[insert Contract title]
[insert Contract Number]
[insert Project Title]

Reference is made to Sub-Clause 10.8 [*Discharge*] of the Contract.

The Contractor has submitted its Final Statement under Sub-Clause 10.7 [*Final Statement*] of the General Conditions, and warrants that it has submitted all claims for full and final settlement of all moneys due to the Contractor under or in connection with the Contract in relation to all works and services performed in connection with the Contract. The total of the Statement is subject to any payment that may become due in respect of any dispute proceedings or arbitration which is in progress.

The Contractor releases the Employer from all claims, actions, suits and demands which it presently has or which might in the future arise out of or in connection with the Contract or the works and services performed in connection with the Contract.

This Discharge shall become effective after the Contractor has received:

- (i) full payment of the amount certified in the Final Payment Certificate; and
- (ii) the Performance Guarantee.

The Contractor acknowledges that the Employer will make the Final Payment pursuant to Clause 10.9 [*Final Payment Certificate*] of the Contract and that such payment will be made in reliance on the warranties and releases contained in this Discharge.

This Discharge is executed by an official representative duly authorized to bind the Contractor.

Yours sincerely,

Contractor's Representative

Name:

Title:

Address:

Date:

Signature:

SECTION V: REQUIREMENTS

SCHEDULE 3: REQUIREMENTS OF EMPLOYER

3.1 Scope of Works

1. Demolition:

- N/A

2. New construction:

LOT-1: Construction of Seregna Primary School

- Two block Classroom Buildings
- Hybrid toilet
- Utilities (WASH, solar power source for lighting system and power sockets at the staff offices and science library)
- External Works(Fence, walkways & landscaping)

LOT-2: Construction of Semret Health Post;

- Outpatient Department
- Staff Residence
- standard hybrid toilet
- Utilities (WASH, solar power source for lighting system and power sockets at the staff offices and science library)
- External Works(Fence, walkways & landscaping)

3. Renovation:

- N/A

4. Design:

- N/A

5. Supply of Plant and Materials:

- N/A

3.2 Specifications

3.2.A List of the technical specifications

(General and particular Specifications including testing/sampling details/performance based standards)

The construction of the school will include the following works:

a) Mobilization

- Site preparations, sign board, site safety and security works;

b) Civil Works

- **Earthwork:** Setting out of the building structures and external facilities, site clearing and excavation, backfill with selected material (95% Proctor) and cart away as directed by the site supervisor;
- **Foundation work:** Strip masonry foundations/ Reinforced Concrete footings for all the buildings that include classroom, administration and toilets including fencing;
- **Concrete Floor:** Reinforced concrete floor for the buildings on top of well compacted fill material and crushed stone hardcore;
- **Concrete structural Frame:** Reinforced concrete for ground beams, vertical columns and top tie beams of C-25 concrete grade and high strength reinforcement bars;
- **Semi Dressed stone masonry wall:** 500mm thick semi dressed stone masonry external walls and 200mm thick for internal partition walls of Class-B type for all the buildings;
- **Door and window frames:** supply and fix metal door and windows made of LTZ/RHS with figured type or clean glasses to all buildings;
- **Steel Structure:** Supply, fabricate and fix steel truss and purlins to all the buildings as a roofing structure;

-
- **Roof Sheeting:** Corrugated Iron Sheet- (G-30) roof cover to the buildings;
- **Finishing:** 50mm thick cement screed with ceramic floor tiles to most of the buildings;

c) **Mechanical, Electrical and Plumbing (MEP) Works**

- **Water Supply:** Water supply to the pit latrines and water point through 2.5 m high elevated 3,000 liter capacity plastic tank situated on stone masonry wall including galvanized piping works between the tank and the fixtures that include hand wash basin, bib taps at the latrine and water point;
- **Sanitary fixtures:** Supply and fix sanitary fixtures such as sink, hand wash basin and squatting pan at the pit latrines;
- **Waste Water Drainage:** Construction of septic tank and soakaway pit for the toilets and connection of UPVC pipes between the fixture and the sock away pit, manholes using stone masonry and vent pipes for the pit latrine;
- **Rainwater harvesting:** Collection of roof rainwater through gutter to 10,000 liter plastic tank.
- **Storm water Drainage System:** collection of storm water around buildings using half concrete pipes and draining out of the building as directed on the drawings;
- **Fire extinguishers:** Supply and fix Co2 and powder type fire extinguishers in the buildings, kitchen and guard house.
- **Power Supply:** Power to the buildings to be provided from PV Solar system;
- **Distribution Boards:** Supply and fix main distribution board at the administration building and connections to the sub distribution board to be located at the respective buildings;
- **Electrical Installation:** Installation of cables between the boards, wiring in the buildings for lighting, and power sockets all as per the drawing;
- **Electrical fixtures:** Supply and fix fittings for lighting in buildings and external compound lightings and power sockets.

iii) **External Works**

- **Perimeter Fence:** Construction of perimeter fence made of masonry foundation, concrete ground beams, column stiffeners and 2.0m high natural stone wall to be finished pointing including metal gates all as shown on the drawing;
- **Driveway, Circulation and Parking:** Construction of driveway, circulation and parking made of cobble stone laid on well compacted selected fill material (95%) proctor including walkways made of concrete tiles and curbstones;
- **Water Point:** Concrete trough water point at the gate for hand wash made of concrete and finished with smooth plaster and paint;

For further specifications and details, please refer to the following technical specifications compiled and documents separately and remain part of the SoW.

- Technical Specification for Civil Works – Section A;
- Technical Specifications for Electrical Works – Section –B;
- Technical Specifications for Sanitary Works – Section –C

3.2.B Requirements for Contractor's² design

1. The background and purpose for the design:

N/A

2. Comprehensive and explicit scope of the Contractor's design:

N/A

3. Any pertinent details and technical information:

N/A

4. The standards, codes and regulatory requirements the Contractor shall use and comply with in the performance of its obligations under the Contract, for the design:

² For the purposes of this RFQ, when the term "Contractor" is used, it refers to the bidder. The Schedules, submitted by the bidder whose bid is selected after evaluation and who is awarded the Contract, will be included in the Contract.

N/A

5. Key responsibility and liability matrix for the Contractor's design:

N/A

6. Health, Safety, Social and Environmental (HSSE) requirements related to Contractor's design (if any):

N/A

7. Quality Management System related to Contractor's design:

N/A

8. The list of all deliverables and/or the Contractor's Documents related to the design:

N/A

9. Specific tools required such as software to be used to develop the design and the format of presentation of the Contractor's Documents:

N/A

10. Information on the design approval process (UNOPS and any other as required):

N/A

3.2.C Quality Management System requirements

(Description of Quality Management System requirements in accordance with Sub-Clause 4.10 of the General Conditions)

Quality management ensures that project activities and outputs meet or exceed the agreed expectations of partners, beneficiaries and other key stakeholders, both internal and external. Quality management in UNOPS projects focuses on the fitness for purpose of project outputs, at a minimum. In practical terms, this means that both project activities and outputs meet or exceed the agreed expectations of funding sources, partners and other project stakeholders. However, to be a truly successful project, a project must not only deliver on time, on scope and within budget, it must also meet a number of additional project success criteria which provide a more holistic definition of quality.

The failure to properly manage quality within a project results in increased risks to successful project delivery according to time, cost, scope and quality requirements. This may also lead to a significant reputational risk to the organization and its partners.

In line with the above, the Contractor shall prepare and implement and shall ensure that any Subcontractors and Nominated Subcontractors implement) a QMS to demonstrate compliance with the requirements of the Contract. The QMS shall be specifically prepared for the Works and submitted to the Employer's Representative within twenty-one (21) days after the Commencement Date.

3.2.D Health, safety, social and environment requirements

(Description of Health, safety, social and environment requirements in accordance with Sub-Clause 4.9 of the General Conditions)

Health, safety, social and environmental management at UNOPS helps us ensure HSSE positive opportunities are enhanced, and risks are controlled in our facilities and operations, including legal and reputational risks that may have financial implications. HSSE management also supports us in fulfilling our moral obligation to continuously improve our footprint on the ground where we operate, and aligning with UN system-wide initiatives while doing so.

Within twenty-one (21) days of the Commencement Date and before commencing any construction activities on the Site, the Contractor shall submit to the Employer's Representative the Health and Safety Management Plan and the Social and Environmental Management Plan which have been specifically prepared for the Works, the Site and other places (if any) where The Contractor intends to execute the Works. Thereafter, whenever the Plans are updated or revised, a copy shall promptly be submitted to the Employer's Representative.

3.2.E Sustainability requirements

(Description of sustainability requirements if any)

N/A

3.2.F Employer-Supplied Materials, Employer's Equipment and Employer's Facilities

(Details of Facilities, Equipment, Materials and others provided by Employer in accordance with Sub-Clause 2.3 of the General Conditions)

| | No. | Description of the Item | Unit |
|------------|-----|-------------------------|------|
| Facilities | 1 | | |
| | 2 | | |
| | 3 | | |
| | 4 | | |
| | 5 | | |
| Equipment | 1 | | |
| | 2 | | |
| | 3 | | |
| | 4 | | |
| | 5 | | |
| Materials | 1 | | |
| | 2 | | |
| | 3 | | |
| | 4 | | |
| | 5 | | |

3.2.G Training requirements

(Details of trainings to be provided by the Contractor in accordance with Sub-Clause 4.1 of the General Conditions)

Training Topic 1

- **Description:**
- **Details of Trainees:**
- **Training Duration/Dates:**
- **Trainer Requirements:**
- **Training facilities:**
- **Training materials:**

Training Topic 2

- **Description:**
- **Details of Trainees:**
- **Training Duration/Dates:**
- **Trainer Requirements:**
- **Training facilities:**
- **Training materials:**

Training Topic 3

- **Description:**
- **Details of Trainees:**
- **Training Duration/Dates:**
- **Trainer Requirements:**
- **Training facilities:**
- **Training materials:**

3.2.H As-built drawings, spare parts and operation and maintenance manuals

(Description of requirements and details such as formats and presentation, timelines, review and approval process of as-built drawings, spare parts and operation and maintenance manuals to be provided by the Contractor in accordance with Sub-Clause 4.1 of the General Conditions)

- Upon Taking over of the project, the Contractor shall provide as built drawings for the following:
 - Architectural Drawings;
 - Structural Drawings;
 - Electrical Drawings and Sanitary Drawings.

3.3 Drawings

(List of Drawings and the link to the Drawings)

LOT-1: Seregna Primary School

A. Architectural Drawings

DRAWING INDEX

| DRAWING NO | | DESCRIPTION | REVISION |
|------------|--------------------|-------------------------------------|----------|
| AR 01/10 | | SITE PLAN | |
| AR 02/10 | | SITE PLAN | |
| AR 03/10 | | FENCE DETAILS | |
| AR 04/10 | CLASSROOM BUILDING | CLASS ROOM FLOOR PLAN | |
| AR 05/10 | | CLASSROOM ROOF AND CEILING PLAN | |
| AR 06/10 | | FLOOR PLAN AND SECTION PLAN | |
| AR 07/10 | | ELEVATION PLAN | |
| AR 08/10 | | WINDOW DOOR SCHEDULE AND DETAILS | |
| AR 09/10 | TOILET | FLOOR PLAN and SECTIONS | |
| AR 10/10 | | ELEVATIONS and WINDOW DOOR SCHEDULE | |
| | | | |

B. Structural Drawings

| DRAWING INDEX | | | | |
|---------------|------------|--------------|---|----------|
| | DRAWING NO | | DESCRIPTION | REVISION |
| | ST 01/10 | | STRUCTURAL NOTES | |
| | ST 02/10 | (CLASS ROOM) | GROUND FLOOR AND FOOTING LAYOUT - FULL LAYOUT | |
| | ST 03/10 | | FOOTING & GROUND FLOOR LAYOUT - PARTIAL LAYOUT | |
| | ST 04/10 | | FOOTING & COLUMN REINFORCEMENT DETAIL | |
| | ST 05/10 | | INTERNAL & EXTERNAL, RAMP SECTION DETAILS | |
| | ST 06/10 | | ROOF BEAM & TRUSS LAYOUT | |
| | ST 07/10 | | BEAM REINFORCEMENT DETAILS | |
| | ST 08/10 | | STEEL TRUSS DETAILS | |
| | ST 09/10 | TOILET | GROUND FLOOR SLAB REINFORCEMENT, STRIP FOUNDATION, BEAM & COLUMN LAYOUT, ROOF BEAM & TRUSS LAYOUT | |
| | ST 10/10 | | BEAM & TRUSS DETAILS | |

C. Sanitary Drawings

| DRAWING INDEX | | | |
|---------------|------------|--|----------|
| | DRAWING NO | DESCRIPTION | REVISION |
| | SN 01/07 | SITE WASTEWATER DRAINAGE SYSTEM | |
| | SN 02/07 | SITE WATER SUPPLY SYSTEM | |
| | SN 03/07 | CLASS ROOM RAINWATER HARVESTING SYSTEM | |
| | SN 04/07 | TOILET SANITARY INSTALLATION | |
| | SN 05/07 | SEPTIC TANK & SOAK PIT DETAILS | |
| | SN 06/07 | WATER RESERVOIR & ELEVATED TANKER DETAILS | |
| | SN 07/07 | PUMP HOUSE, WATER POINT & PIPE TRENCH DETAILS | |
| | | FIRE FIGHTING | |
| | FF 01/02 | FIRE ENGINE CIRCULATION & ASSEMBLY POINT | |
| | FF 02/02 | EVACUATION PLAN & PORTABLE FIRE EXTINGUISHER LAYOUT | |
| | | | |
| | | | |

D. Electrical Drawings

| DRAWING INDEX | | | |
|---------------|------------|---|----------|
| | DRAWING NO | DESCRIPTION | REVISION |
| | EL 01/09 | SITE ELECTRIC PLAN | |
| | EL 02/09 | CLASS ROOM LIGHTING SOCKET AND FIRE ALARM LAYOUT | |
| | EL 03/09 | DISTRIBUTION BOARD SCHEDULE | |
| | EL 04/09 | SPV SCHEMATIC AND BLOCK DIAGRAM | |
| | EL 05/09 | LIGHTENING PROTECTION SYSTEM DETAIL LAYOUTS | |
| | EL 06/09 | SPV SYSTEM DETAIL LAYOUTS | |
| | EL 07/09 | SOLAR PANEL AND BATTERY ROOM ARRANGEMENT PLAN | |
| | EL 08/09 | MANHOLE AND EARTHLING DETAILS | |
| | EL 09/09 | FIRE ALARM, FIRE FIGHTING AND EMERGENCY ESCAPE LAYOUT | |
| | | | |

LOT-2: Semret Health Post;

A. Architectural Drawings

DRAWING INDEX

| DRAWING NO | | DESCRIPTION | REVISION |
|------------|----------------------------------|--|----------|
| AR 01/11 | | SITE PLAN | |
| AR 02/11 | | SITE PLAN | |
| AR 03/11 | | FENCE DETAILS | |
| AR 04/11 | (OUTPATIENT DEPARTMENT - OPD) | GROUND FLOOR and ROOF PLAN | |
| AR 05/11 | | WINDOW DOOR SCHEDULE and SECTION | |
| AR 06/11 | | ELEVATION PLAN | |
| AR 07/11 | | EXTERNAL WALL DETAIL & RAMP DETAILS | |
| AR 08/11 | STAFF RESIDENCE | FLOOR PLAN AND SECTIONS | |
| AR 09/11 | | ELEVATIONS and WINDOW DOOR SCHEDULE | |
| AR 10/11 | DRY LATRINE - PATIENT | FLOOR PLAN and SECTIONS | |
| AR 11/11 | | ELEVATIONS and WINDOW DOOR SCHEDULE | |
| | | | |

B. Structural Drawings

DRAWING INDEX

| DRAWING NO | | DESCRIPTION | REVISION |
|------------|---------------------------------|---|----------|
| ST 01/10 | | STRUCTURAL NOTES | |
| ST 02/10 | (OUTPATIENT DEPARTMENT- OPD) | GROUND FLOOR SLAB REINFORCEMENT, BEAM & COLUMN LAYOUT | |
| ST 03/10 | | ROOF BEAM, TRUSS LAYOUT & BEAM DETAILS | |
| ST 04/10 | | STEEL TRUSS DETAILS | |
| ST 05/10 | | STEEL TRUSS & CONCRETE GUTTER DETAILS | |
| ST 06/10 | STAFF RESIDENCE | GROUND FLOOR SLAB REINFORCEMENT BEAM, FOOTING & COLUMN DETAILS | |
| ST 07/10 | | ROOF BEAM , TRUSS LAYOUT & CONCRETE GUTTER/DETAILS | |
| ST 08/10 | | STEEL TRUSS DETAILS | |
| ST 09/10 | DRY LATRINE | GROUND FLOOR SLAB REINFORCEMENT ,STRIP FOUNDATION, BEAM ,COLUMN LAYOUT , ROOF BEAM & TRUSS LAYOUT | |
| ST 10/10 | | BEAM & TRUSS DETAILS | |
| | | | |

C. Sanitary Drawings

DRAWING INDEX

| DRAWING NO | | DESCRIPTION | REVISION |
|------------|-------------------------------------|---|----------|
| SN 01/09 | | SITE WASTE WATER DRAINAGE SYSTEM | |
| SN 02/09 | | SITE WATER SUPPLY SYSTEM | |
| SN 03/09 | (OUTPATIENT DEPARTMENT - OPD) | GROUND FLOOR SANITARY LAYOUT | |
| SN 04/09 | | RAINWATER HARVESTING SYSTEM | |
| SN 05/09 | STAFF RESIDENCE | RAINWATER HARVESTING SYSTEM | |
| SN 06/09 | DRY LATRINE - PATIENT | WATER SUPPLY, WASTEWATER & RAINWATER HARVESTING SYSTEM | |
| SN 07/09 | | SEPTIC TANK & SOAK PIT DETAILS | |
| SN 08/09 | | WATER RESERVOIR & ELEVATED TANKER DETAILS | |
| SN 09/09 | | PUMP HOUSE, WATER POINT & PIPE TRENCH DETAILS | |
| | | | |
| | | FIRE FIGHTING | |
| FF 01/02 | | FIRE ENGINE CIRCULATION & ASSEMBLY POINT | |
| FF 02/02 | | FIRE ALARM & FIREFIGHTING LAYOUT | |
| | | | |

D. Electrical Drawings

DRAWING INDEX

| DRAWING NO | | DESCRIPTION | REVISION |
|------------|-----------------------------------|---|----------|
| EL 01/07 | SITE | ELECTRICAL SITE PLAN | |
| EL 02/07 | OUTPATIENT DEPARTMENT (OPD) | LIGHTING & SOCKET LAYOUT | |
| EL 03/07 | | FIRE ALARM & FIRE FIGHTING LAYOUT | |
| EL 04/07 | STAFF RESIDENCE | LIGHTHING ,SOCKET , FIRE ALARM AND FIRE FIGHTING SYSTEM LAYOUT | |
| EL 05/07 | DRY LATRINE | LIGHTING LAYOUT | |
| EL 06/07 | GENERAL | DISTRIBUTION BOARD SCHEDULE | |
| EL 07/07 | | EARTHING DETAIL | |
| | | | |

3.4 Valuation and Payment

[To select an option, put an **X** over the relevant blank box]

| Sub-Clause No. | Description | Details |
|----------------|--|--|
| 9.3 | Provisional Sums items | 1. <input type="text"/> : <input type="text"/> USD 2. <input type="text"/> : <input type="text"/> USD 3. <input type="text"/> : <input type="text"/> USD |
| 10.1 | Method of valuation | <input type="checkbox"/> Lump sum only <input type="checkbox"/> Measure & pay only <input checked="" type="checkbox"/> Combination of measure & pay and lump sum |
| 10.1 | Instalments or Schedule of Payments (in the case of lump sum payments) | 1. <input type="text"/> % of the Contract Price 2. <input type="text"/> % of the Contract Price 3. <input type="text"/> % of the Contract Price |
| 10.3 | Timing for submission of Statements | <u>On Monthly basis</u> |
| 10.3 | Requirements for the submission of Statements | <u>Prices and/or rates set out in the BoQs</u> |
| 10.3 | Payment for Plant and/or Materials delivered to Site | <u>60</u> % of substantiated value of Plant and/or Materials |
| 10.3 | Plant and Materials listed for payment when delivered to Site | 1. <u>Steel</u> 2. <u>Cement</u> 3. <u>Ceramics</u> 3. <u>Sanitary Fixtures</u> 4. <u>Electrical Fixtures</u> |
| | Plant and Materials listed for payment when shipped to the Country | 1. <u>N/A</u> 2. <input type="text"/> 3. <input type="text"/> |

3.5 Programme Requirements

(Description of the requirements associated with the Programme in accordance with Sub-Clause 6.3 of the General Conditions)

The successful bidder will be expected to submit a contract programme in accordance with Sub-Clause 7.2.

The Contract Programme must be in such form and detail as the Employer's Representative requires and must contain as a minimum:

- (a) The order in which the Contractor proposes to carry out the Works;
- (b) The time limits within which submission of any Contractor's documents are required under the Contract.

The Contract Programme must be prepared in sufficient detail to ensure the adequate planning, execution and monitoring of the Works. The networked activities must be detailed enough to provide a meaningful measurement tool for progress of works.

The Contract Programme must be resource loaded and include material, plant and labour. The labour resource assignment must be further broken down to clearly identify types (trade and/or discipline) and number of resources allocated to an activity.

The Contract Programme must be accompanied by and/or detail:

- (a) A programme narrative that describes the inclusions and assumptions made in preparing the Contract Programme;
- (b) A general description of the arrangements and methods which the Contractor proposes to adopt for carrying out the Works;
- (c) The critical path for the Works and a complete critical path analysis for the execution of the Works which must show clearly the links between activities and the float times available within the Contract Programme and the earliest start/earliest finish and latest start/latest finish times for each and every activity;
- (d) The Preliminary Programme may be prepared in MS Excel or MS Project. The Outline Statement of Proposed methods demonstrates the Bidder's capacity to identify the core or sensitive components required to complete the works within the required quality expectations and indicates the approach that the Bidder intends to use in order to execute those components.
- (e) Details, and durations on Site, of the resources proposed to achieve the Contract Programme;
- (f) A manpower (resource) histogram detailing cumulative and monthly volumes by trade for the duration of the Works;

- (g) A detailed cash flow estimate, in quarterly periods, of all payments to which the Contractor may be entitled under the Contract;

A schedule of all submittals and material procurement activities, including time for submittals, re-submittals and reviews and time for any fabrication and delivery of manufactured products and samples. The interdependence of design, procurement and construction activities must be included in this schedule.

3.6 Nominated Subcontractors

(Details of Nominated Subcontractors in accordance with Sub-Clause 4.4 of the General Conditions)

| No. | Description of Works or Services to be Subcontracted | Name of Nominated Subcontractor |
|-----|--|---------------------------------|
| 1 | | |
| 2 | | |
| 3 | | |
| 4 | | |
| 5 | | |

3.7 Reporting Requirements

(List of Reporting requirements in accordance with Sub-Clause 4.1 of the General Conditions)

Monthly, Quarterly and Final Report with the following minimum information:

- a. Executive Summary of construction activities during the month;
- b. Background information of the construction work;
- c. Detail work executed during the month;
- d. Resource supply: Materials, workmen, equipment and tools;
- e. Quality supervision and procedures made in the execution of the works;
- f. Approvals made to construction resources on the basis of submittals, mock ups, tests, certificates, and product catalogues etc...
- g. Any changes, work orders and variations issued;
- h. Any challenges and/or compensation events or unforeseeable obstructions;
- i. Any defectives works identified during supervision and proposal for rectifications;
- j. Detail work Plan for the next month as distinguished by weekly plans;
- k. Pictures of the works at each stage

3.8 Employer's Delegations

| No. | Clause/ Sub-Clause No. and title | Delegated duties and authorities | Designation | Remark |
|-----|--|----------------------------------|-------------|--------|
| 1 | | | | |
| 2 | | | | |
| 3 | | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | | | |
| 10 | | | | |

3.9 Key Personnel Requirements per LOT

(Details of Key Personnel requirements in accordance with Sub-Clause 4.5 of the General Conditions)

| No. | Position description/Title | Required qualification | Area of experience required | Years of relevant experience required |
|-----|---|--|---|--|
| 1 | Project Manager – 1No. | A Master's degree in Civil Engineering, Construction Management or Project Management. or A Bachelor's degree with an additional 2 years of relevant work experience (a total of 7 years' experience) may be accepted in lieu of the education requirements outlined above. | At least 5 years of experience, related to the project requirements, in civil engineering, construction management, construction project supervision is required. | At least 2 years of experience in project management and supervision in Tigray is an asset. |
| 2 | Site Engineer-1 No. | A Bachelor's Degree in Civil Engineering or Construction Management. or A combination of Diploma Certificate with additional 2 years of relevant work experience (6 years in total) may be accepted in lieu of the education requirements outlined above. | At least 4 years of experience, related to the project requirements, in civil engineering, construction management, construction project supervision is required. | At least 1 year of experience in project management and supervision in Tigray area is an asset. |
| 3 | Sanitary Technician/Plumber – 1No. | Diploma Certificate from an accredited TVET institution | At least 5 years of progressively responsible experience in plumbing works and sanitary fixture installation | |
| 4 | Electrical Technician/ Electrician 1No. | Diploma Certificate from an accredited TVET institution | At least 5 years of progressively responsible experience in electrical installation works with strong knowledge of installation, operation and monitoring of electrical power supply and distribution systems. | |

| | | | | |
|---|---|--|--|--|
| 5 | Health & Safety & Environment Project Officer – 1 No. | A Bachelor's degree in health and safety or a related field OR A Bachelor's Degree in Construction related field substantiated with trainings and experience in safety and health related field may be accepted, Or A combination of Diploma certificates with additional 2 years of relevant work experience (5 years in total) may be accepted in lieu of the education requirements outlined above. | At least 3 years of experience, related to the health and safety; and environment in infrastructure projects is required. | |
| 6 | Lead General Foreman- 1 No. | The Contractor shall provide CVs of the General Foreman to be deployed on site for construction: | Site Foreman with a minimum of 10 years of experience | |

3.10 Equipment and Machinery Requirements Per LOT

(Details of Equipment and Machinery to be provided by the Contractor in accordance with Sub-Clause 4.7 of the General Conditions)

| No. | Description of item (Equipment or Machinery) | Units | Remarks |
|-----|--|-------|---|
| 1 | Concrete mixer (350 litre) | 2 | Certificates of ownership, Purchase Receipt or Equipment Lease/Rent Agreement need to be attached when submitting |
| 2 | Dump trucks – 14m3 capacity | 1 | " " " |
| 3 | 4 WD Pickup (5 seats) | 1 | " " " |
| 4 | Plate compactor Minimum plate size of 400mm x 400mm and weight min 50 Kg. | 2 | " " " |
| 5 | Concrete vibrator Hose size of minimum of 38 mm | 2 | " " " |
| 6 | 5000 ltr water tanker | 1 | " " " |
| 7 | Diesel Generator Minimum size of 10 KVA. | 1 | " " " |
| 8 | Welding machine | 1 | " " " |

3.11 Insurance Requirements

(Details in accordance with Sub-Clause 15.1 of the General Conditions)

| Insurances | Additional details on scope of cover | Validity period | Limit of liability |
|---|---|-----------------|----------------------------|
| Construction all risk insurance for Works, Plants and Materials | 100% of the contract value | Contract period | 100% of the contract value |
| Public liability insurance | Required | Contract period | |
| Workers' compensation insurance | Required for key personnel stated in this RfQ & other skilled & unskilled laborer work under the construction sites | Contract period | |
| Insurances required by Laws and by local practice | | | |
| Any other insurances | | | |
| Professional indemnity insurance (if applicable) | | | |