

## TERMS OF REFERENCE (TOR) AND TECHNICAL EVALUATION CRITERIA

### Tender for Purchase and Installation of Light Towers in Mohammad Abad County in Yazd Province

**1. Project Title:**

Installation of Tower Lights at Football Field in Mohammadabad Village

**2. Project Description**

Under existing project, IOM aims to support Afghans on the move in Afghanistan and neighboring countries in a manner that limits the negative impact of the crisis on communities and works towards the achievement of durable solutions. Outcomes include (Regional) improved access to basic services, increased economic self-reliance and protection for Afghans on the move and vulnerable Afghan populations in the region and their host communities, with a focus on women, girls and the most vulnerable; and increased resilience for Afghan returnees, IDPs and vulnerable host communities in Afghanistan through enhanced protection spaces, providing access to gender-responsive health services, education, and livelihood opportunities.

In Mohammadabad village, situated 4 kilometers away from Yazd, there exists a Football field with standard dimensions. This field serves not only the central villages but also the Akramabad district and other counties in Yazd. Remarkably, it caters to a diverse community, including over 80,000 foreign nationals.

The proposed intervention involves the procurement and installation of tower lights for this football field. The expected outcomes are as per follows:

- 1) Enhanced Accessibility for Afghans and Iranians (youth and adults): By supporting the installation of tower lights, we enable children and young people—both Iranian and foreign nationals—in Yazd counties to utilize the field. These lights extend the field’s usability beyond daylight hours, allowing for evening and night sessions.
- 2) Facilitating Sports and Recreational Activities: The illuminated field becomes a hub for various activities. Weekly sessions can take place, fostering community engagement and physical well-being. Additionally, the field can host periodical competitions such as the Ramadan Cup and Fajr Festivals, promoting sportsmanship and camaraderie.
- 3) Educational Access: Students will benefit from the improved field. Whether for physical education classes or extracurricular activities, having a well-lit football field enhances their overall educational experience.
- 4) Improve Standard: The proposed light tower will enable the stadium to be national standard where they can host national level competition. It will contribute to the health and well-being of young individuals, and both for Afghans and Iranians through the support provided by UN Migration agency (IOM).

In summary, the installation of six light towers on this field is a strategic investment. It not only enriches recreational opportunities but also contributes to community health and cohesion.

### 3. Tender Submission:

The interested bidders are expected to submit the following information.

- 1) Company profile
- 2) Registration Certificate
- 3) Copies of tax certificate
- 4) List of similar service / work, such as development of Bill of Quantities developed and used for rehabilitation and/or construction, installment of light towers
- 5) CV of the key engineers, quantity surveyors to be involved in this task
- 6) Financial proposal to carry out this task in IRR Currency
- 7) Any other relevant documents

For all correspondence related to this tender, please refer to the **Reference: RFQ24-171**. The applications should be electronically submitted to the **IOM Tehran Procurement** at [iomtehranprocurement@iom.int](mailto:iomtehranprocurement@iom.int) **by 5 pm on April 30 2024**. Only shortlisted companies will be contacted for the next step.

### 4. Deliverables

The Company will submit the following deliverables within the timeframe. The receipt and approval of each deliverable is subject to approval from IOM.

|   | Deliverables  | Proposed Timeframe                 |
|---|---|------------------------------------|
| 1 | Initial meeting with IOM, BAFIA Yazd and other relevant authority to kick off the project       | Mid-May 2024 (TBD)                 |
| 2 | Procure and deliver the 6 Light Tower to the project site                                       | Within maximum of 25 calendar days |
| 3 | Install light tower at the project site, test and confirm the functionality of the light towers | Within maximum of 10 calendar days |
| 4 | Final verification meeting with IOM, BAFIA Yazd and relevant authority and test the Light Tower | Within maximum of 5 calendar days  |
| 5 | Hand over the light tower with the instruction / manuals for handling and maintenance           | Within maximum of 5 calendar days  |

*\* Timeline could be shortened depending on the speed of the whole process*

### 5. Scope of Services, Expected Outputs and Target Completion:

- Procurement of high-quality light towers suitable for outdoor sports facilities as per the BoQ under section 12.
- Installation of the tower lights ensuring optimal illumination for evening matches and events.
- Completion of the project within the stipulated timeline. **The preferred completion date is a maximum of 45 calendar days after the date of signature of agreement with selected bidder.**

### 6. Institutional Arrangement:

The selected vendor will work under the direct supervision of IOM Iran and in line with requirements of local authorities and the project management team to ensure smooth execution.

### 7. Project Site

Mohammad Abad village is located in Meshkin Dasht District, Yazd County, Yazd Province, Iran. It is 15 kilometers northeast of Yazd and 5 kilometers north of Ahmad Abad Meshkin.



*Aerial View of Football Field*

Status of Site:

- The site of the towers is leveled and ready for installation.
- Access to the electrical infrastructure for the towers is possible.

## 8. Qualifications of the Successful Service Provider at Various Levels:

### 8-1. Required Company Type:

The company required to execute this project must be a registered Iranian company in the field of design, supply, and installation of outdoor lighting systems with experience in similar projects. Specifically, the company must have the following licenses:

- **Business establishment and operation license** from the Iranian Ministry of Industry, Mine and Trade

- **Electrical contracting license** from the Iranian Planning and Budget Organization (in the field related to the project)
- **Contractor safety qualification certificate**

#### **8-2. Company Expertise and Experience:**

- **Minimum of 5 years of successful experience** in the design, supply, and installation of lighting systems for outdoor sports facilities.
- **Experience in the successful execution of at least two similar projects** in Iran in the past 5 years (providing records is mandatory). Similar projects can include:
  - Installation of lighting systems for football fields
  - Installation of lighting systems for multi-purpose sports stadiums
  - Lighting projects for other outdoor sports facilities (if relevant)

#### **8-3. Proposed Financial Requirements**

- **Minimum annual turnover** in the past two years: Approx. IRR 60'000'000'000.00
- **Net working capital:** Approx. IRR 9'000'000'000.00
- Verification could be through auditing documents (including the number of projects done).

#### **8-4. Project Team**

- The project team must consist of **experienced professionals with relevant educational and work backgrounds.**
- The **maximum number of team members will be 5.**

#### **8-5. Project Team Member Qualifications**

##### Team Leader:

- **Minimum educational qualification of Bachelor's degree in Electrical Engineering** (Preferably Power or Lighting specialization)
- **Minimum of 10 years of work experience** in the design and implementation of lighting systems for outdoor sports facilities
- **Familiarity with Iranian national requirements and standards for lighting of sports facilities** (Lighting regulations for sports spaces - Iranian National Standards Organization)
- **Experience in managing similar projects** (at least one project)
- **Excellent communication and coordination skills** to collaborate with the project team and other stakeholders

##### Team Members:

- **Minimum of 5 years of work experience** in the design and implementation of lighting systems
- **Familiarity with lighting design software**
- **Experience in similar projects**  
**Compliance with relevant requirements in case of special expertise** (such as work safety at height)  
**Providing a complete resume for all project team members and leader is mandatory.**

#### **9. Scope of Proposal Price and Schedule of Payments:**

The financial proposal should include a detailed breakdown of costs and a schedule of payments linked to project deliverables.

#### **10. Recommended Presentation of Offer:**

Vendors are encouraged to present their offers clearly, highlighting their experience and understanding of the project requirements. Vendor may present any additional documents that the vendor deems necessary to support their proposal.

**11. Reporting Requirements:**

The selected vendor must submit weekly progress reports in form of logbooks in writing preferably in English, regardless of the level of progress.

**12. Bill of Quantities (BOQ):**

Vendors must fill in the proposed prices based on the following detailed BOQ, including unit prices and total prices for each line item. The BOQ should be structured as follows:

| Row<br>ردیف | Item Description<br>شرح کالا و خدمات  | Quantity<br>تعداد | Unit<br>واحد    | Unit Price (IRR)<br>قیمت هر واحد (ریال) | Total Price (IRR)<br>قیمت کل (ریال) |
|-------------|---|-------------------|-----------------|---|-------------------------------------|
| 1           | 20-meters White Galvanized Stadium Lighting Tower – with capacity for 8 complete set of projectors with panel and equipment<br>برج نور ۲۰ متری سفید گالوانیزه استادیومی- با قابلیت نصب ۸ پروژکتور کامل با تابلو و لوازم | 6                 | Each<br>هر کدام | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 2           | Foundation (based on the available sample plan after current BoQ.<br>فوندانسیون مطابق با مشخصات نقشه‌های نمونه پیوست جدول حاضر  | 6                 | Each<br>هر کدام | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 3           | IP65 Electrical Distribution Panel with Internal Equipment, Cabling and Connections, Installation and Commissioning<br>تابلو برق توزیع IP65 به همراه تجهیزات داخلی، کابل کشی و اتصالات مربوطه، نصب و راه اندازی         | 1                 | Each<br>هر کدام | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 4           | 16*5mm XLPE Sheathed Cable<br>کابل افشان ۱۶*۵ میلیمتری با روکش XLPE   | 15                | Meter           | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 5           | 10*5mm XLPE Sheathed Cable<br>کابل افشان ۱۰*۵ میلیمتری با روکش XLPE   | 150               | Meter           | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 6           | 6*5 mm XLPE Sheathed Cable<br>کابل افشان ۶*۵ میلیمتری با روکش XLPE  | 320               | Meter           | [To be filled by Vendor]                | [To be filled by Vendor]            |
| 7           | 4*5 mm XLPE Sheathed Cable<br>کابل افشان ۴*۵ میلیمتری با روکش XLPE  | 70                | Meter           | [To be filled by Vendor]                | [To be filled by Vendor]            |

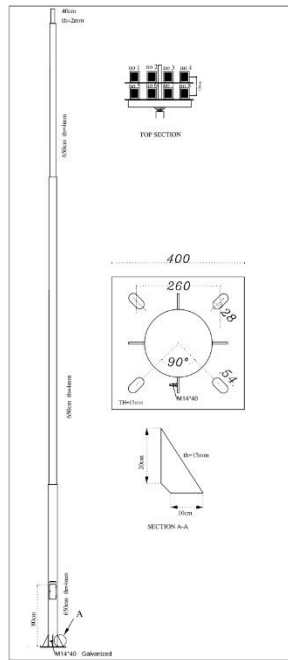
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|----|--|-----|-----------------|--------------------------|--------------------------|
| 8  | 50KVA Transformer with Installation and Cabling Costs<br>ترانس 50KVA به همراه هزینه نصب و راه اندازی و هزینه کابل کشی و اتصالات مربوط به ترانس   | 1   | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| 9  | <b>LED Floodlight</b><br><br>Preferred Specifications: <ul style="list-style-type: none"> <li>800 W LED Floodlight with 116000 Lumens,</li> <li>LED Type: LED16, with 16 Modules,</li> <li>4488 Lens Type,</li> <li>Symmetrical Beam Angle,</li> <li>0.95 Power Factor,</li> <li>220-240V AC Input,</li> <li>50/60Hz Input Frequency,</li> <li>IP66 Protection Rating,</li> <li>-40 to +50°C Operating Temperature Range</li> </ul> <p style="text-align: right;">پروژکتور LED بلوکی</p> <p style="text-align: right;">مشخصات فنی:</p> <ul style="list-style-type: none"> <li>توان: ۸۰۰ وات، شار نوری: ۱۱۶۰۰۰ لومن،</li> <li>نوع LED: LED16، با تعداد ۱۶ ماژول،</li> <li>نوع لنز: ۴۴۸۸،</li> <li>زاویه تابش: متقارن (N)،</li> <li>ضریب توان: ۰٫۹۵،</li> <li>ولتاژ ورودی: ۲۲۰-۲۴۰ ولت AC،</li> <li>فرکانس ورودی: ۵۰/۶۰ هرتز،</li> <li>درجه حفاظت: IP66،</li> <li>محدوده دمای کارکرد: -۴۰ تا +۵۰ درجه سانتیگراد</li> </ul> | 48  | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| 10 | 52*1 mm Earth Copper Wire with XLPE Sheathing, Minimum Diameter 50mm<br>سیم ارت ۵۲*۱ با مشخصات سیم مسی افشان با روکش XLPE، حداقل قطر: ۵۰ میلی متر  | 460 | Meter           | [To be filled by Vendor] | [To be filled by Vendor] |
| 11 | <b>Franklin Lightning Rod (Simple Rod)</b><br><br>Preferred Specifications: <ul style="list-style-type: none"> <li>Rod Material: Steel or Copper</li> <li>Diameter: 16 to 20mm,</li> </ul>   | 6   | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |

|    |  |     |                 |                          |                          |
|----|--|-----|-----------------|--------------------------|--------------------------|
|    | <ul style="list-style-type: none"> <li>Rod Height: Minimum 5m from the Highest Point of the Tower,</li> <li>Protection Angle: 45°</li> </ul> <p>صاعقه گیر فرانکلینی (میله ساده)</p> <p>مشخصات فنی:</p> <ul style="list-style-type: none"> <li>جنس میله: فولاد یا مس،</li> <li>قطر میله: بین ۱۶ تا ۲۰ میلیمتر،</li> <li>ارتفاع میله: حداقل ۵ متر از بلندترین نقطه برج،</li> <li>زاویه حفاظت: ۴۵ درجه</li> </ul>   |     |                 |                          |                          |
| 12 | <p>Costs of Excavation (to minimum depth of 1.5 m), foundation building, sand and brick material for filling the pits and Installation Cost of light tower</p> <p>هزینه حفر (به عمق حداقل ۱,۵ متر)، نصب فونداسیون، ماسه و آجر برای پر کردن حفره ها، و نصب برج نور</p>  | 6   | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| 13 | <p>Cost of Excavation of Cable Trenches, Backfilling and Restoration of Excavation Site, Minimum Depth 1.5m</p> <p>هزینه حفاری کانال های مربوط به کابل کشی و هزینه پرکردن کانال ها و بازسازی محل حفاری حداقل عمق حفاری: ۱,۵ متر</p>  | 460 | Meter           | [To be filled by Vendor] | [To be filled by Vendor] |
| 14 | <p>Earthing System Supply and Installation Preferred Specifications:</p> <ul style="list-style-type: none"> <li>Type: Deep Earthing,</li> <li>Earthing Pit Depth: Minimum 15m,</li> <li>Earthing Pit Diameter: Minimum 1m,</li> <li>Earth Resistance: Maximum 10Ω</li> </ul> <p>تهیه و نصب تجهیزات سیستم ارتینگ با مشخصات فنی:</p> <ul style="list-style-type: none"> <li>نوع سیستم ارتینگ: عمقی،</li> <li>عمق چاه ارت: حداقل ۱۵ متر،</li> <li>قطر چاه ارت: حداقل ۱ متر،</li> <li>مقاومت الکتریکی زمین: حداکثر ۱۰ اهم</li> </ul> | 6   | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| 15 | <p>Cost of HDPE Pipe (proportionate to volume of cables) Supply and Laying with Cable Pulling Cost</p>   | 400 | Meter           | [To be filled by Vendor] | [To be filled by Vendor] |

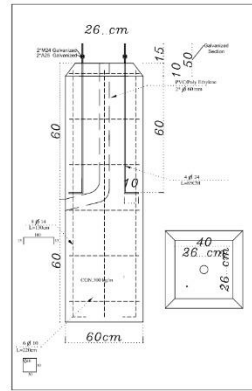
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|--|--|---|-----------------|--------------------------|--------------------------|
|  | • هزینه تهیه و لوله گذاری لوله پلی اتیلن (ابعاد متناسب با حجم کابل های برق مصرفی) به همراه هزینه کابل کشی داخل لوله ها   |   |                 |                          |                          |
| 16   | Testing and Commissioning Costs for Lighting and Earthing Systems<br>هزینه های آزمایش و تست شامل هزینه تست و راه اندازی سیستم روشنایی و سیستم ارتینگ   | 1 | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| 17   | Transportation Cost of Personnel and Equipment to Project Site (including Machinery, Equipment, Materials and Manpower for the duration of project)<br>هزینه حمل و نقل تجهیزات به محل پروژه (با احتساب همه ماشین آلات، تجهیزات، مواد و نفرات مورد نیاز برای مدت پروژه) | 1 | Each<br>هر کدام | [To be filled by Vendor] | [To be filled by Vendor] |
| <b>Grand Total without VAT</b><br>جمع مبالغ بدون هزینه مالیات بر ارزش افزوده |  |   |                 |                          | [To be filled by Vendor] |
| <b>VAT</b><br>هزینه مالیات بر ارزش افزوده                                    |  |   |                 |                          | [To be filled by Vendor] |
| <b>Grand Total + VAT</b><br>جمع مبالغ + هزینه مالیات بر ارزش افزوده          |  |   |                 |                          | [To be filled by Vendor] |





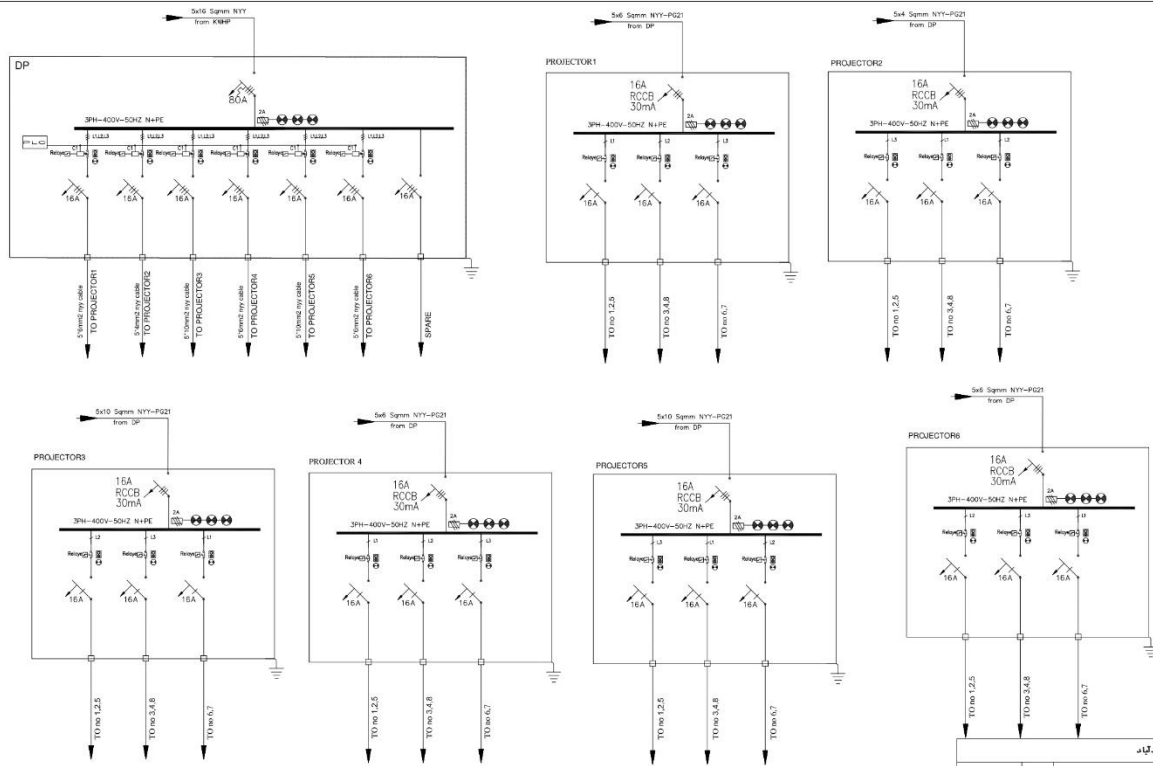


مشخصات پایه ۲۰ متری



نقشه تیر و فونداسیون

|                         |                    |                           |       |
|-------------------------|--------------------|---------------------------|-------|
| کارفرما : بهاری معدنیاد |                    |                           |       |
| عنوان پروژه:            |                    | برقهای زمین خیزان معدنیاد |       |
| شماره پروژه             | نام و نام خانوادگی | طرح                       | ترسیم |
| عنوان نقشه:             |                    | کانتیل                    | تاریخ |
| مقیاس                   |                    | شماره نقشه ۵- ۵۲          | رشته  |
|                         |                    | ۱۴۰۲/۱۲/۱۱                | جای   |



|                           |                            |
|---------------------------|----------------------------|
| کارفرما : معماری معمادیان |                            |
| عنوان پروژه :             | شماره پروژه                |
| محلان نقشه :              | ردیفان زمین میانی معمادیان |
| تاریخ                     | تاریخ                      |
| مقیاس                     | شماره نقشه 5- 03           |
| محل                       | رشته                       |

# Evaluation Criteria for Selecting the Best Offer

## Technical Evaluation Criteria

### 1. Vendor Selection Criteria

| Criteria   | Weight | Points Obtainable |
|--|--------|-------------------|
| 1) Experience with Similar Projects (35%)        | 35%    | 35                |
| 2) Project Delivery Timeline (20%)               | 20%    | 20                |
| 3) Methodology and Approach (15%)                | 15%    | 15                |
| 4) Financial and Organizational Capability (10%) | 20%    | 20                |
| 5) Reporting Capabilities (10%)                  | 10%    | 10                |
| Total  | 100%   | 100               |

### 2. Scoring System

- Total Points Obtainable: **100 points**
- Minimum Passing Score: **60 points**

### 3. Evaluation Form Questions

- 1. Experience with Similar Projects (Total of 35 Points)**
  - ✓ Has the vendor completed infrastructure projects in the Yazd Province? (10 points)
  - ✓ Has the vendor undertaken similar infrastructure projects in Iran? (18 points)
  - ✓ Has the vendor worked with UN Iran or similar entities? (7 points)
- 2. Project Delivery Timeline (Total of 20 Points)**
  - ✓ Is the proposed timeline realistic and efficient and in line with the specified deadline? **(20 points)**
- 3. Methodology and Approach (Total of 15 Points)**
  - ✓ Is the implementation plan clear and practical? **(10 points)**
  - ✓ Are local conditions and requirements considered? **(5 points)**
- 4. Financial and Organizational Capability (Total of 20 Points)**
  - ✓ Can the vendor -in case of winning- commit to setting aside a percentage of the whole value of agreement as the “retention fee” or “performance bond”? This amount should be retained by the International Organization for Migration (IOM) as a security amount, valid for post-completion of the project, ensuring the vendor’s adherence to quality and reliability standards. **(10 points)**
  - ✓ Does the vendor exhibit robust financial health and hold the necessary licenses for the specified work? This reflects the vendor’s capability to sustain operations and meet job-specific legal requirements. **(5 points)**
  - ✓ Does the vendor possess a comprehensive management and support framework? This infrastructure should facilitate adherence to all contractual obligations and performance benchmarks set forth by the vendor agreements. **(5 points)**
- 5. Reporting Capabilities**
  - ✓ Does the vendor have a history of providing timely and detailed reports? **(5 points)**
  - ✓ Does the vendor demonstrate proficiency in English and Farsi language required for the project and reporting? **(5 points)**