

## REQUEST FOR QUOTATION (RFQ)

RFQ Reference: RFQ24-210

Date: 10 July 2024

### **SECTION 1: REQUEST FOR QUOTATION (RFQ) for the provision of Light Towers in soccer field in MohammadAbad county in Yazd**

International Organisation for Migration (IOM) kindly requests your quotation for the provision of goods, works and/or services as detailed in Annex 1 of this RFQ.

This Request for Quotation comprises the following documents:

Section 1: This request letter (Page 1)

Section 2: RFQ Instructions and Data (Pages 2 to 3)

Annex 1: Schedule of Requirements (Pages 4 to 7)

Annex 2: Quotation Submission Form (Pages 8 to 9)

Annex 3: Technical and Financial Offer (Pages 10 to 14)

Annex 4: Architectural Drawings and Layouts (Pages 15 to 19) When preparing your quotation, please be guided by the RFQ Instructions and Data. Please note that quotations must be submitted using Annex 2: Quotation Submission Form and Annex 3 Technical and Financial Offer, Annex 4: Architectural Drawings and Layouts by the method and by the date and time indicated. It is your responsibility to ensure that your quotation is submitted on or before the deadline. Quotations received after the submission deadline, for whatever reason, will not be considered for evaluation.

Thank you and we look forward to receiving your quotations.

Approved by:

Signature: *Mahshid Ramezani*

## SECTION 2: RFQ INSTRUCTIONS AND DATA

<b>Deadline for the Submission of Quotation</b>	<b>30 July 2024</b> If any doubt exists as to the time zone in which the quotation should be submitted, refer to <a href="http://www.timeanddate.com/worldclock/">http://www.timeanddate.com/worldclock/</a> .
<b>Method of Submission</b>	<p>Quotations must be submitted as follows:</p> <p><input type="checkbox"/> E-tendering</p> <p><input checked="" type="checkbox"/> Email</p> <p><input type="checkbox"/> Courier / Hand delivery</p> <p><input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a></p> <p>Bid submission address: <a href="mailto:iomtehranprocurement@iom.int">iomtehranprocurement@iom.int</a></p> <ul style="list-style-type: none"> <li>▪ File Format: pdf</li> <li>▪ File names must be maximum 60 characters long and must not contain any letter or special character other than from Latin alphabet/keyboard.</li> <li>▪ All files must be free of viruses and not corrupted.</li> <li>▪ Max. File Size per transmission: 10Mb</li> <li>▪ Mandatory subject of email: <b>RFQ24-210</b></li> <li>▪ Multiple emails must be clearly identified by indicating in the subject line "email no. X of Y", and the final "email no. Y of Y."</li> <li>▪ It is recommended that the entire Quotation be consolidated into as few attachments as possible.</li> <li>▪ The proposer should receive an email acknowledging email receipt.</li> </ul>
<b>Cost of preparation of quotation</b>	IOM shall not be responsible for any costs associated with a Supplier's preparation and submission of a quotation, regardless of the outcome or the manner of conducting the selection process.
<b>Supplier Code of Conduct</b>	All prospective suppliers must read the UN Supplier Code of Conduct and acknowledge that it provides the minimum standards expected of suppliers to the UN. The Code of Conduct, which includes principles on labour, human rights, environment and ethical conduct may be found at: <a href="http://ungm.org">Supplier Code of Conduct (ungm.org)</a> .
<b>Conflict of Interest</b>	UN encourages every prospective Supplier to avoid and prevent conflicts of interest, by disclosing to UN if you, or any of your affiliates or personnel, were involved in the preparation of the requirements, design, specifications, cost estimates, and other information used in this RFQ.
<b>General Conditions of Contract</b>	Any Purchase Order or contract that will be issued as a result of this RFQ shall be subject to the IOM General Conditions of Contract for provision of goods/services/transportation/medical services available at <a href="https://www.iom.int/do-business-us-procurement">https://www.iom.int/do-business-us-procurement</a> .
<b>Eligibility</b>	Bidders shall have the legal capacity to enter into a binding contract with IOM and to deliver in the country, or through an authorized representative.
<b>Currency of Quotation</b>	Quotations shall be quoted in <a href="#">Click or tap here to enter text.</a>
<b>Duties and taxes</b>	<p>The International Organization for Migration is exempt from all direct taxes, except charges for public utility services, and is exempt from customs restrictions, duties, and charges of a similar nature in respect of articles imported or exported for its official use. All quotations shall be submitted net of any direct taxes and any other taxes and duties, unless otherwise specified below:</p> <p>All prices shall:</p> <p><input checked="" type="checkbox"/> be inclusive of VAT and other applicable indirect taxes</p> <p><input checked="" type="checkbox"/> be exclusive of VAT and other applicable indirect taxes</p>
<b>Language of quotation and documentation including</b>	EN/ FA

<b>catalogues, instructions and operating manuals</b>	
<b>Documents to be submitted</b>	Bidders shall include the following documents in their quotation(Signed and stamped by the bidder): <input checked="" type="checkbox"/> Annex 2: Quotation Submission Form duly completed and signed <input checked="" type="checkbox"/> Annex 3: Technical and Financial Offer duly completed and signed and in accordance with the Schedule of Requirements in Annex 1 <input checked="" type="checkbox"/> Annex 4: Architectural Drawings and Layouts and project timeline <input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a>
<b>Quotation validity period</b>	Quotations shall remain valid for 30 days from the deadline for the Submission of Quotation.
<b>Price variation</b>	No price variation due to escalation, inflation, fluctuation in exchange rates, or any other market factors shall be accepted at any time during the validity of the quotation after the quotation has been received.
<b>Partial Quotes</b>	<input checked="" type="checkbox"/> Not permitted <input type="checkbox"/> Permitted
<b>Payment Terms</b>	<input type="checkbox"/> 100% within 30 days after receipt of goods, works and/or services and submission of payment documentation. <input checked="" type="checkbox"/> Other To be negotiated in instalments
<b>Contact Person for correspondence, notifications and clarifications</b>	Focal Person: Mahshid Ramezani E-mail address: <a href="mailto:mramezani@iom.int">mramezani@iom.int</a> <b>Attention: Quotations shall not be submitted to this address but to the address for quotation submission above.</b>
<b>Clarifications</b>	Requests for clarification from bidders will not be accepted any later than 7 days before the submission deadline. Responses to request for clarification will be communicated through email by 28 July 2024
<b>Evaluation method</b>	<input checked="" type="checkbox"/> The contract will be awarded to the lowest price substantially compliant offer <input type="checkbox"/> Other <a href="#">Click or tap here to enter text.</a>
<b>Evaluation criteria</b>	<input checked="" type="checkbox"/> Full compliance with all requirements as specified in Annex 1 <input checked="" type="checkbox"/> Full acceptance of the General Conditions of Contract <input type="checkbox"/> Comprehensiveness of after-sales services <input type="checkbox"/> Earliest Delivery /shortest lead time <input type="checkbox"/> Others ( <i>for ex, environmental criteria/considerations, etc</i> )
<b>Right not to accept any quotation</b>	IOM is not bound to accept any quotation, nor award a contract or Purchase Order
<b>Right to vary requirement at time of award</b>	At the time of award of Contract or Purchase Order, IOM reserves the right to vary (increase or decrease) the quantity of services and/or goods, by up to a maximum 25% of the total offer, without any change in the unit price or other terms and conditions.
<b>Type of Contract to be awarded</b>	PO/construction agreement
<b>Expected date for contract award.</b>	<b>06 August 2024</b>
<b>Policies and procedures</b>	This RFQ is conducted in accordance with Policies and Procedures of IOM
<b>UNGM registration</b>	IOM is encouraging all suppliers to register at the United Nations Global Marketplace (UNGM) website at <a href="http://www.ungm.org">www.ungm.org</a> . The Bidder may still submit a quotation even if not registered with the UNGM, however, if the Bidder is selected for Contract award of USD 100,000 and above, the Bidder is recommended to register on the UNGM prior to contract signature. For vendors who do not have the technical means to register in UNGM, the UNGM has implemented an assisted vendor registration functionality that allows IOM procurement personnel to add local vendors to the UNGM.

## ANNEX 1: SCHEDULE OF REQUIREMENTS

Please review the attached Terms of Reference (TOR) carefully.

### 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) Social Security Insurance of the company listing the active employees
- 8) Detailed workplan and timeline for implementing the project in accordance with the maximum duration for implementation being preferably 45 calendar days from the date of agreement signature. (Table 1 in Excel format attached to the tender document)
- 9) Any other relevant documents

For all correspondence related to this tender, please refer to the **Reference: RFQ24-210** The applications should be electronically submitted to the **IOM Tehran Procurement at [iomtehranprocurement@iom.int](mailto:iomtehranprocurement@iom.int) by 5 pm on 30 July 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.

	<b>Deliverables</b>	<b>Proposed Timeframe</b>
<b>1</b>	Initial meeting with IOM, BAFIA Yazd and other relevant authority to kick off the project	August 2024 (TBD)
<b>2</b>	Procure and deliver the 6 Light Tower to the project site	Within maximum of 25 calendar days
<b>3</b>	Install light tower at the project site, test and confirm the functionality of the light towers	Within maximum of 10 calendar days
<b>4</b>	Final verification meeting with IOM, BAFIA Yazd and relevant authority and test the Light Tower	Within maximum of 5 calendar days
<b>5</b>	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 a 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 **ANNEX 2: QUOTATION SUBMISSION FORM**

*Bidders are requested to complete this form, including the Company Profile and Bidder's Declaration, sign it and return it as part of their quotation along with Annex 3: Technical and Financial Offer. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.*

Name of Bidder:	Click or tap here to enter text.
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RFQ reference:	24-210	Date: Click or tap to enter a date.
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**VENDOR INFORMATION SHEET<sup>1</sup>**

Please attach the latest vendor information sheet to be filled in and signed by the vendor

**BIDDER'S DECLARATION OF CONFORMITY<sup>2</sup>**

Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I hereby represent and warrant that neither the Supplier, nor any person having powers of representation, decision-making or control over it or any member of its administrative, management or supervisory body, has been the subject of a final judgement or final administrative decision for one of the following reasons: bankruptcy, insolvency or winding-up procedures; breach of obligations relating to the payment of taxes or social security contributions; grave professional misconduct, including misrepresentation, fraud; corruption; conduct related to a criminal organisation; money laundering or terrorist financing; terrorist offences or offences linked to terrorist activities; child labour and other trafficking in human beings, any discriminatory or exploitative practice, or any practice that is inconsistent with the rights set forth in the Convention on the Rights of the Child or other prohibited practices; irregularity; creating or being a shell company.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier is financially sound and duly licensed.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier has adequate human resources, equipment, competence, expertise and skills necessary to complete the contract fully and satisfactorily, within the stipulated completion period and in accordance with the relevant terms and conditions.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier complies with all applicable laws, ordinances, rules and regulations.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier will in all circumstances act in the best interests of IOM.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that no official of IOM or any third party has received from, will be offered by, or will receive from the Supplier any direct or indirect benefit arising from the contract.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier has not misrepresented or concealed any material facts during the contracting process.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier will respect the legal status, privileges and immunities of IOM as an intergovernmental organization.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that neither the Supplier nor any persons having powers of representation, decision-making or control over the Supplier or any member of its administrative, management or supervisory body are included in the most recent Consolidated United Nations Security Council Sanctions List (the "UN Sanctions List") or are the subject of any sanctions or other temporary suspension. The Supplier will immediately disclose to IOM if it or they become subject to any sanction or temporary suspension.

<sup>1</sup> [Vendor Information Sheet.xlsx](#)

<sup>2</sup> This form is mandatory to fill in and sign by every vendor who submits quotation



Yes	No	
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier does not employ, provide resources to, support, contract or otherwise deal with any person, entity or other group associated with terrorism as per the UN Sanctions List and any other applicable anti-terrorism legislation.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that, the Supplier will apply the highest ethical standards, the principles of efficiency and economy, equal opportunity, open competition and transparency, and will avoid any conflict of interest.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I further represent and warrant that the Supplier undertakes to comply with the Code of Conduct, available at <a href="https://www.ungm.org/Public/CodeOfConduct">https://www.ungm.org/Public/CodeOfConduct</a> .
<input type="checkbox"/>	<input type="checkbox"/>	It is the responsibility of the Supplier to inform IOM immediately of any change to the information provided in this Declaration.
<input type="checkbox"/>	<input type="checkbox"/>	On behalf of the Supplier, I certify that I am duly authorized to sign this Declaration and on behalf of the Supplier I agree to abide by the terms of this Declaration for the duration of any contract entered into between the Supplier and IOM.
<input type="checkbox"/>	<input type="checkbox"/>	IOM reserves the right to terminate any contract between IOM and the Supplier, with immediate effect and without liability, in the event of any misrepresentation made by the Supplier in this Declaration.

Signature: \_\_\_\_\_

Name: Click or tap here to enter text.

Title: Click or tap here to enter text.

Date: Click or tap to enter a date.

### ANNEX 3: TECHNICAL AND FINANCIAL OFFER - WORKS

Bidders are requested to complete this form, sign it and return it as part of their quotation along with Annex 2 Quotation Submission Form. The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.

Name of Bidder:	Click or tap here to enter text.	
RFQ reference:	24-210	Date: Click or tap to enter a date.

#### Technical Offer

By completing the Financial Offer table, candidates are implicitly affirming their capability and readiness to perform the specified tasks. In addition to this, candidates are requested to provide the following information as stipulated in the Terms of Reference (TOR), detailed in Annex 2

- a brief description of your qualification and capacity that is relevant to the Scope of Works;
- a brief method statement and implementation plan;
- team composition and CVs of key personnel

#### Financial Offer

Row	Description of Goods and Services	Quantity	Unit	Price per Unit (Rial)	Total Price (Rial)
1	<p>Procurement of 20-meter Standard Stadium Lighting Tower with Fixed Basket - Capable of Mounting 8 x 800W Floodlights with Complete Standard Switchboard and Accessories as per Annex No. 1 Page 8</p> <p>Specifications:</p> <ul style="list-style-type: none"> <li>•Overall Tower Height: 20 meters</li> <li>•Upper Section Diameter: 300 millimetres</li> <li>•Lower Section Diameter: 550 millimetres</li> <li>•Structural Weight per Tower: 2000 kilograms</li> <li>•Number of Components: 4 pieces</li> <li>•Sheet Thickness:</li> <li>•Lower Two Tower Sections: 6 millimetres</li> <li>•Upper Two Tower Sections: 5 millimetres</li> <li>•Access Door: Dimensions: 380 x 500 millimetres</li> <li>•Base Plate Dimensions: Ø750 TH 20 mm</li> <li>•Capacity to Mount 8 x 800W Floodlights with Complete Switchboard and Accessories</li> <li>•Design Wind Speed: 120 kilometres per hour</li> <li>•Features:</li> <li>•Includes Guardrail, Shelter, and Ladder</li> <li>•Floodlight Accessibility</li> <li>•Section Shape: Multifaceted</li> <li>•Coating: Hot dip Galvanized</li> <li>•Component Connection: Overlap - Flanged</li> <li>•Provision for Access Door or Suitable Plate for Switchboard Installation</li> <li>•Lightning Arrester Installation Capability</li> <li>•Switchboard Installation Capability</li> <li>•Minimum 18 Months Warranty</li> </ul>	6	Each	[To be filled by Vendor]	[To be filled by Vendor]
2	Foundation execution includes reinforcement, concrete pouring, and complete preparation for	6	Each	[To be filled by Vendor]	[To be filled by Vendor]

	tower installation according to the specifications of the Annex No. 2 page 9.				
<b>3</b>	Supply, installation, and commissioning of an IP65 distribution panel along with internal equipment, cabling, and related connections to service the entire project according to Annex No. 4, page 11.	<b>1</b>	Each	[To be filled by Vendor]	[To be filled by Vendor]
<b>4</b>	Cost of installing and commissioning the tower on the foundation, including all crane, manpower, etc. according to the layout diagram Annex No. 3, page 10.	<b>6</b>	Each	[To be filled by Vendor]	[To be filled by Vendor]
<b>5</b>	16*5mm XLPE Insulated Stranded Cable - Top Domestic Manufacturer	<b>15</b>	Meter	[To be filled by Vendor]	[To be filled by Vendor]
<b>6</b>	10*5mm XLPE Insulated Stranded Cable - Top Domestic Manufacturer	<b>150</b>	Meter	[To be filled by Vendor]	[To be filled by Vendor]
<b>7</b>	6*5mm XLPE Insulated Stranded Cable - Top Domestic Manufacturer	<b>320</b>	Meter	[To be filled by Vendor]	[To be filled by Vendor]
<b>8</b>	4*5mm XLPE Insulated Stranded Cable - Top Domestic Manufacturer	<b>70</b>	Meter	[To be filled by Vendor]	[To be filled by Vendor]
<b>9</b>	Procurement, installation, and commissioning of a KVA50 transformer, including cabling costs and the provision of all related connections.	<b>1</b>	Each	[To be filled by Vendor]	[To be filled by Vendor]
<b>10</b>	<p>LED Block Projector by MaziNoor Co. or Equivalent Model with 3-Year Warranty, In accordance with the Annex No. 5, Page 12</p> <ul style="list-style-type: none"> <li>•Power: 800W</li> <li>•Luminous flux: 116,000 lumens</li> <li>•Luminous efficacy (lumens per watt): 145</li> <li>•Color temperature: 4000 Kelvin (neutral white light)</li> <li>•Color rendering index: Greater than 70</li> <li>•Light source: LED with 16 modules/lamps</li> <li>•Luminous flux maintenance: Over 100,000 hours (L80 rating)</li> <li>•Lens type: 4488</li> <li>•Beam angle: Symmetrical (N)</li> <li>•Power factor: 0.95</li> <li>•Input voltage: 220-240VAC</li> <li>•Input frequency: 50/60Hz</li> <li>•Protection rating: IP66</li> <li>•Insulation class: Class I</li> <li>•Operating temperature range: -30°C to +45°C</li> <li>•Ballast/driver features: Dimmable (1-10V)</li> <li>•Single-channel constant current electronic driver with power factor greater than 0.9</li> <li>•Nominal supply voltage: ±10% VAC277-100</li> <li>•Nominal supply voltage frequency: 60/50Hz</li> <li>•Wire and cable material: PVC stranded cable with cross-sectional area of 1.5mm<sup>2</sup></li> <li>•Terminal material: Polyamide, three-chamber size 2.5 tool-free wire connection with looping capability</li> <li>•Gland features: Brass gland, PG13.5 gland size</li> <li>•Body material: Die-cast aluminium with electrostatic gray powder coating</li> <li>•Diffuser/glass material: 5mm thick flat tempered glass</li> <li>•Lens material: Transparent polycarbonate with 25° light distribution</li> </ul>	<b>48</b>	Each	[To be filled by Vendor]	[To be filled by Vendor]

	<ul style="list-style-type: none"> <li>•Gasket: High temperature resistant silicone for dust protection and waterproofing</li> <li>•Fitting material: Galvanized coated inside, Dechromed coated outside</li> <li>•Handle angle adjustment range: ±90° with 15° increments</li> <li>•Weight: 27kg</li> <li>•Dimensions (mm): 100×590×755</li> <li>•Mechanical resistance: IK09</li> <li>•Number of drivers: 4</li> </ul>				
11	Ground wire 25*1 with the specifications of stranded copper wire with XLPE insulation, minimum diameter: 50 mm Produced by a leading domestic manufacturer	460	Meter	[To be filled by Vendor]	[To be filled by Vendor]
12	<p>Installation and Setup of Franklin Lightning Rod (Simple Rod)</p> <p>Technical Specifications:</p> <ul style="list-style-type: none"> <li>•Rod Material: Steel or copper</li> <li>•Rod Diameter: 16 to 20 millimetres</li> <li>•Rod Height: At least 5 meters from the highest point of the structure</li> <li>•Protection Angle: 45 degrees</li> </ul>	6	Each	[To be filled by Vendor]	[To be filled by Vendor]
13	Preparation of materials and excavation (to a minimum depth of 1.8 meters), execution of sand and brickwork, filling, levelling, and screeding of the foundation site	6	Each	[To be filled by Vendor]	[To be filled by Vendor]
14	Preparation of materials and execution of cable duct excavations, including levelling, screeding, and backfilling of the ducts, and restoration of the excavation site to a minimum depth of 1 meter	460	Meter	[To be filled by Vendor]	[To be filled by Vendor]
15	<p>Preparation, Installation, and Commissioning of Earthing System Equipment:</p> <ul style="list-style-type: none"> <li>•Technical Specifications:</li> <li>•Earthing system type: Deep</li> <li>•Earthing well depth: Minimum 10 meters</li> <li>•Earthing well diameter: Minimum 1 meter</li> <li>•Earth resistance: Maximum 10 ohms</li> </ul>	6	Each	[To be filled by Vendor]	[To be filled by Vendor]
16	The cost of procuring and laying polyethylene pipes (with dimensions proportional to the volume of power cables used) along with the cost of cabling inside the pipes until the towers are fully electrified.	400	Meter	[To be filled by Vendor]	[To be filled by Vendor]
17	Transportation and storage of all equipment and materials to the project site and their maintenance (including the provision of machinery, equipment, materials and personnel required for the project duration)	1	Each	[To be filled by Vendor]	[To be filled by Vendor]
	<b>Grand Total without VAT:</b>				
	<b>VAT:</b>				
	<b>Grand Total + VAT:</b>				

### Compliance with Requirements

	You Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter proposal
Delivery Lead Time	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Validity of Quotation	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Payment terms	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
Other requirements <i>[pls. specify]</i>	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.

<p><i>Exact name and address of company</i></p> <p>Company Name</p> <p>Address:</p> <p>Phone No.:</p> <p>Email Address:</p>	<p>Authorized Signature:</p> <p>Date:</p> <p>Name:</p> <p>Functional Title of Authorised Signatory:</p> <p>Email Address: Click or tap here to enter text.</p>
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### Compliance with Requirements

	Your Responses		
	Yes, we will comply	No, we cannot comply	If you cannot comply, pls. indicate counter proposal
1. Can you provide records of previous similar infrastructure projects in Iran and/or Yazd Province?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
2. Will you provide records of experience working with UN Iran or similar entities? (If applicable)	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
3. Can you submit a proposal for the project delivery timeline that encompasses all requested works and aligns with TOR under Annex 2?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
4. Can you confirm that all costs entailed in the project have been included in the provided quotations?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
5. Are you able to submit a clear and practical implementation plan and timeline that encompasses all listed works in the BoQ?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
6. Have you considered local conditions and requirements in the target area?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
7. Are you able to set aside a retention fee or performance bond if deemed necessary by IOM?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.
8. Can you form a team that meets the requirements in TOR under Annex 2 and provide CVs of the considered team members?	<input type="checkbox"/>	<input type="checkbox"/>	Click or tap here to enter text.

I, the undersigned, certify that I am duly authorized to sign this quotation and bind the company below in event that the quotation is accepted.	
<p><i>Exact name and address of company</i></p> <p>Company Name: Click or tap here to enter text.</p> <p>Address: Click or tap here to enter text.</p> <p>Click or tap here to enter text.</p> <p>Phone No.: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>	<p>Authorized Signature:</p> <p>Date: Click or tap here to enter text.</p> <p>Name: Click or tap here to enter text.</p> <p>Functional Title of Authorised Signatory: Click or tap here to enter text.</p> <p>Email Address: Click or tap here to enter text.</p>



### ANNEX 4: Architectural Drawings and Layouts

In this section, you'll find detailed plans and visual representations for the project. These drawings provide essential insights into the design and spatial arrangement of the proposed intervention.

Figure No. 1: Implementation Map for Lighting Towers - Page 8

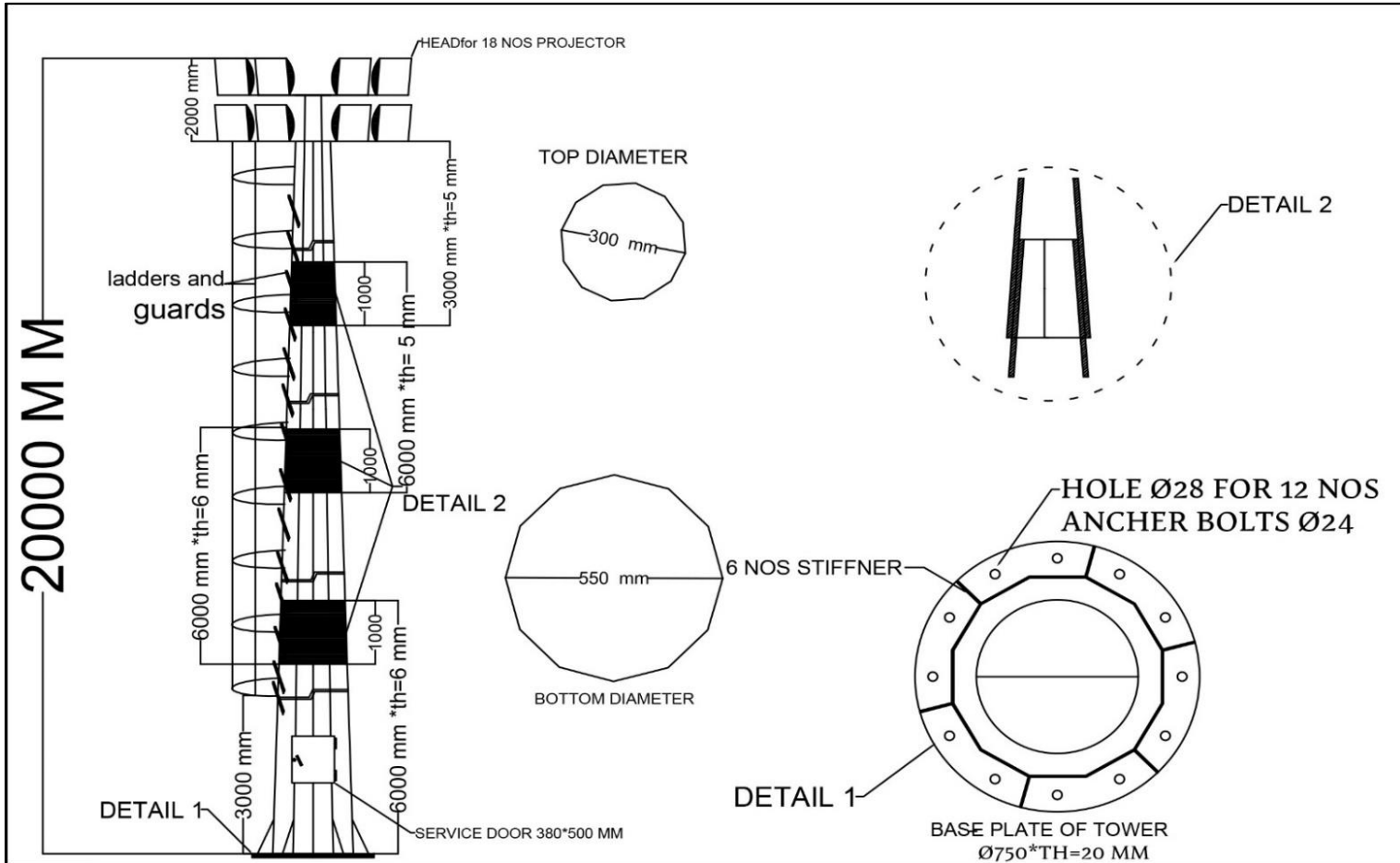


Figure No. 2: Implementation Plan for the Foundation of the Light Tower - Page 9

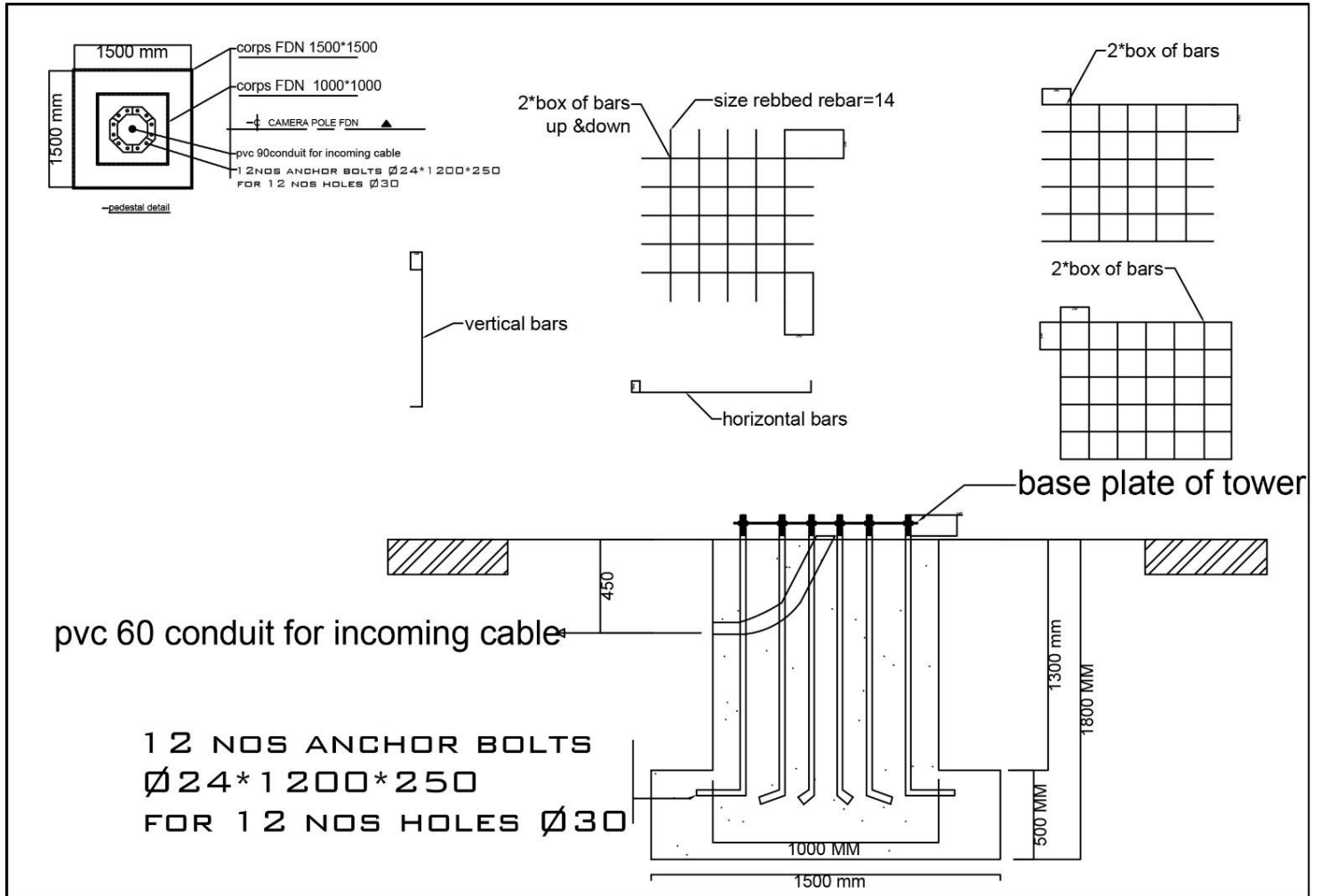


Figure No. 3: Lighting Equipment Layout Plan for Sports Field - Page 10

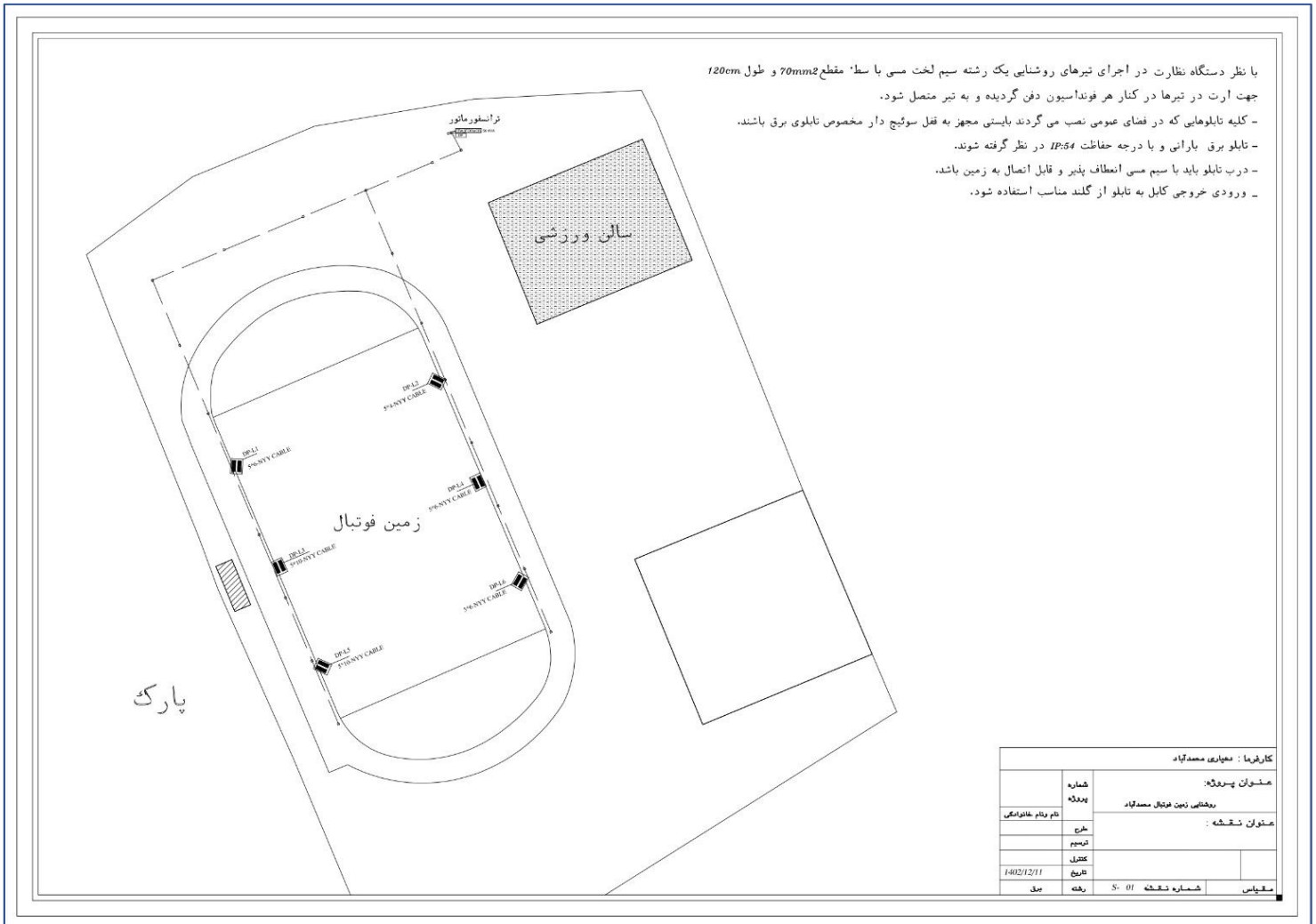


Figure 4: Sports Complex Distribution Panel Map - Page 11

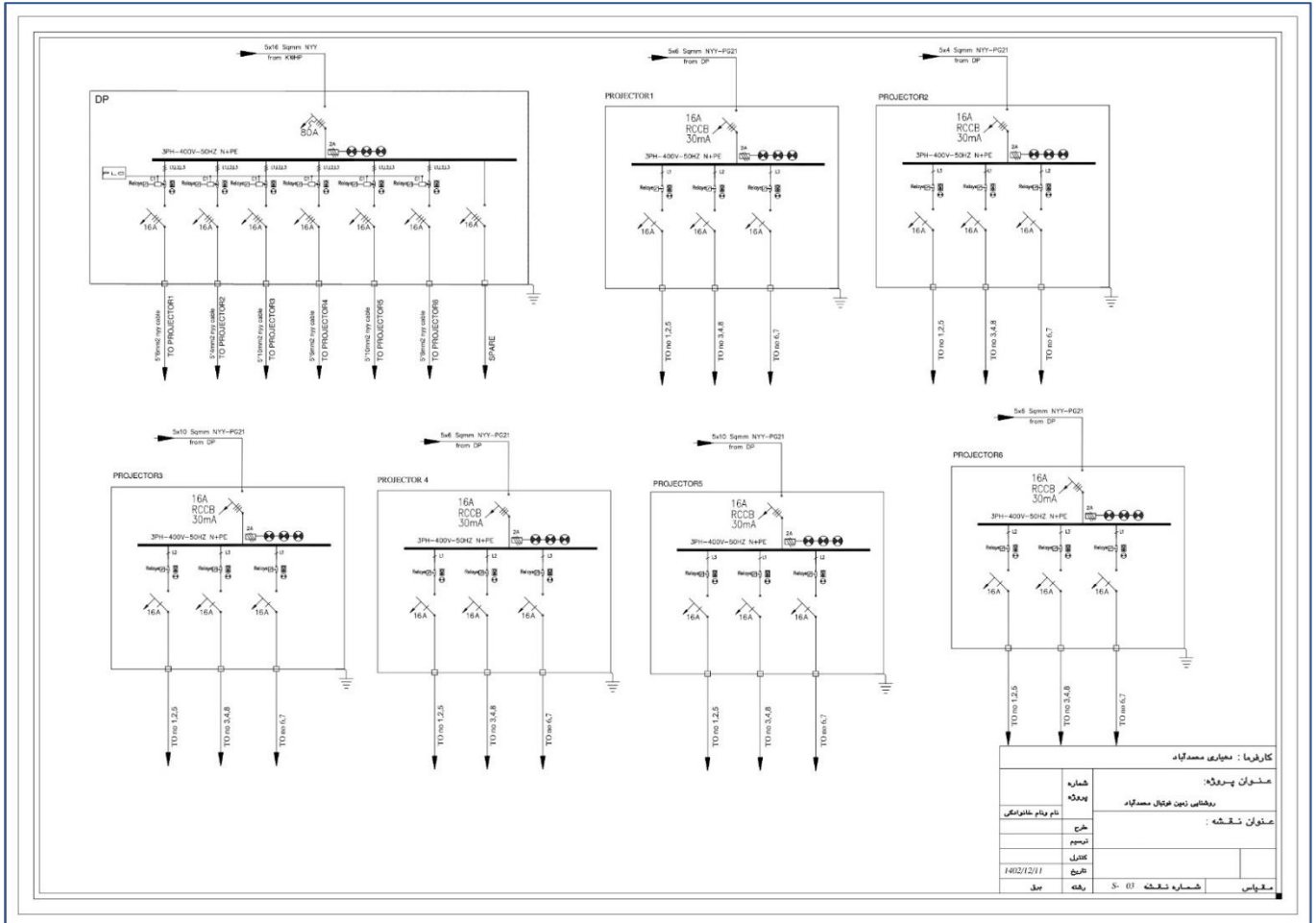
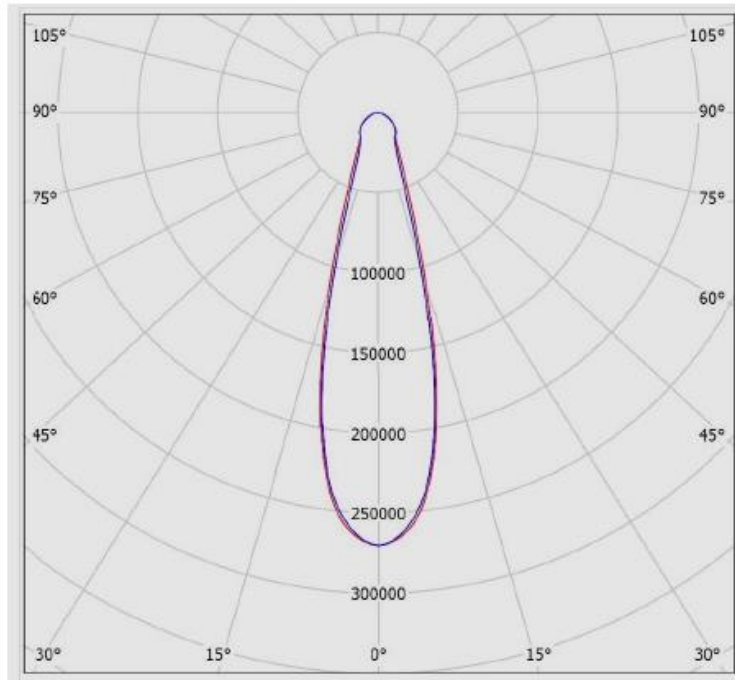


Figure 5: Block Projector Technical Drawing - Page 12

**Photometric diagrams:**

Glare Evaluation According to UGR												
p Ceiling		70	70	50	50	30	70	70	50	50	30	
p Walls		50	30	50	30	30	50	30	50	30	30	
p Floor		20	20	20	20	20	20	20	20	20	20	
Room Size	X	Y	Viewing direction at right angles to lamp axis				Viewing direction parallel to lamp axis					
2H	2H	2H	23.5	24.5	23.8	24.7	24.9	23.3	24.3	23.6	24.5	24.7
	3H	3H	24.5	25.4	24.8	25.7	25.9	24.3	25.1	24.6	25.4	25.6
	4H	4H	24.8	25.7	25.1	25.9	26.2	24.5	25.4	24.8	25.6	25.9
	6H	6H	24.9	25.7	25.3	26.0	26.3	24.6	25.4	25.0	25.7	26.0
	8H	8H	24.9	25.7	25.3	26.0	26.3	24.6	25.3	25.0	25.6	25.9
4H	2H	2H	24.0	24.8	24.3	25.1	25.4	23.8	24.7	24.2	24.9	25.2
	3H	3H	25.2	25.9	25.5	26.2	26.5	24.9	25.6	25.3	26.0	26.3
	4H	4H	25.5	26.1	25.9	26.5	26.8	25.3	25.9	25.7	26.2	26.6
	6H	6H	25.7	26.2	26.1	26.6	27.0	25.4	25.9	25.8	26.3	26.7
	8H	8H	25.7	26.2	26.1	26.6	27.0	25.4	25.9	25.8	26.3	26.7
8H	2H	2H	25.7	26.1	26.1	26.5	26.9	25.4	25.8	25.8	26.2	26.6
	3H	3H	25.8	26.2	26.3	26.6	27.1	25.6	25.9	26.0	26.4	26.8
	4H	4H	25.9	26.2	26.3	26.6	27.1	25.6	25.9	26.0	26.3	26.8
	6H	6H	25.8	26.1	26.3	26.6	27.1	25.6	25.8	26.0	26.3	26.8
	8H	8H	25.8	26.1	26.3	26.6	27.1	25.6	25.8	26.0	26.3	26.8
12H	2H	2H	25.6	26.0	26.0	26.4	26.9	25.4	25.8	25.8	26.2	26.6
	3H	3H	25.8	26.1	26.3	26.6	27.0	25.5	25.9	26.0	26.3	26.8
	4H	4H	25.8	26.1	26.3	26.6	27.1	25.5	25.8	26.0	26.3	26.8
	6H	6H	25.8	26.1	26.3	26.6	27.1	25.5	25.8	26.0	26.3	26.8
	8H	8H	25.8	26.1	26.3	26.6	27.1	25.5	25.8	26.0	26.3	26.8
Variation of the observer position for the luminaire distances S												
S = 1.0H		+0.2 / -0.3				+0.2 / -0.3						
S = 1.5H		+0.4 / -0.7				+0.5 / -0.8						
S = 2.0H		+0.9 / -1.3				+1.0 / -1.5						
Standard table		BK03				BK03						
Correction		8.0				7.8						
Summand												
Corrected Glare Indices referring to 116000lm Total Luminous Flux												



**Technical drawings:**

