

**Pakhtunkhwa Energy Development Organization
Government of Khyber Pakhtunkhwa**

**Request for Proposal (RFP)
(Revised)**

**DEVELOPMENT OF SOFTWARE APPLICATIONS
AND
INSTALLATION, CONFIGURATION & COMMISSIONING of
SMD, VIDEO WALL, VIDEO CONFERENCING EQUIPMENT &
SOUND SYSTEM**

(Turn Key Basis)

Last Date for Submission:	04 February, 2020 at 12:30 P.M.
Tender Opening Date:	04 February, 2020 at 02:00 P.M.

**Pakhtunkhwa Energy Development Organization
Plot 38/B-2, Phase, 5, Hayatabad, Peshawar
www.pedo.pk**

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SECTION A

1. DESCRIPTION OF WORK

Proposals and quotations are invited for the development of software application and installation, configuration and commissioning of Surface-mounted Devices (SMD's), Video Wall, Video Conferencing (VC) equipment and sound system for Pakhtunkhwa Energy Development Organization.

This document will cover the scope of the software application and the hardware required for revamping the committee room at PEDO by installation, configuration and commissioning of SMD's, Video Wall, VC equipment & Sound System **on Turn Key basis.**

2. SCOPE OF WORK

a. Development of Software Applications

b. Installation, Configuration & Commissioning of SMD, Video Wall, VC Equipment & Sound System

a. Development of Software Applications

To design & develop the following 02 web based software application

i. Monitoring & Evaluation System

ii. e-Tender System

i. Monitoring & Evaluation System

To design and develop a web based application to monitor & evaluate the physical as well as the financial **Performance** of all ADP, Foreign Funded (ADB, Worldbank) & Renewable Energy/Private Power Projects against **Time** from concept paper till closing of the project.

Roles/Profiles

There will be five Characters i.e.

- **End User**

User who will be entering the day to day progress into the software application against the Work Plans already developed by the Project Director (PD) and approved by Chief Engineer (CE)/GM Solar

- **Project Director (PD)**

Project Director will be responsible for providing the Monthly/Yearly Work plans and will monitor the progress on daily, weekly, fortnightly, monthly & yearly basis.

Note: A project director can be assigned multiple projects

- **Chief Engineer (CE)/GM Solar**

The responsibility of the CE is to review and approve the Work plans submitted by the PD and will evaluate the progress on Fortnightly, Monthly, Quarterly & Yearly Basis.

There are 2 Characters

i. Chief Engineer – Responsible for Hydro, Energy Renewable/Private Power & ADB Funded Mini Micro Hydro Power Projects only

ii. GM Solar - Responsible for Solar Projects & ADB Funded Solar Projects only

- **Executives**

This group includes top management i.e. CEO, Additional Secretary, Secretary & Minister/Adviser). Users of this group will be able to monitor the progress of all the activities of all the ongoing projects on their dashboards.

- **Admin**

A user having all the admin level privileges i.e. Creation of Users, Assigning of Roles, Backup, etc.

Alerts/Alarms for Project Progress

The system will be intelligent to trigger Alarms/Alerts if the activity is lagging against the scheduled time/progress. The process for generation of Alarms & Alerts will be as follow

- i. If the activity is delayed by 10% against its schedule ← PD will receive an Alert
- ii. If the activity is delayed by 20% against its schedule ← GM will receive an Alert

iii. If the activity is delayed by 30% against its schedule ← Executive will receive an Alert

Note: Alarms must be modifiable/Editable by the Admin User only

ADB & FOREIGN FUNDED PROJECTS

Annual Development Fund Project & Foreign Funded Projects can be either

- Hydropower Projects
- Solar project
- Project to be replicated at Multiple Locations (Hydro/Solar)

Renewable Energy Private Power Projects

- Solicited Sites
- Raw Sites
- Semi Raw Sites
- Solar Sites
- Foreign owned State Enterprise

• Hydropower projects:

Step No. 1

Every project at the time of its concept stage has different scope and with different activity lists, therefore the Officer that has been assigned the responsibility for projects approval under ADP schemes will have the privilege to create Activity Lists along their timelines (Work Plans). Activity list with their times may be in the following format.

S. NO.	Item of Work	Planned		Actual Progress (%age)	Comments
		Start	Finish		

Step No. 2

Once the PC-1 for Hydropower project is approved

Project Name (Alpha Numeric)			Date of Generating this Report (Date Format)
Generation Capacity	xx MW Alpha Numeric	Commencement Date	Project Start Date
PC-I Cost	PKR xxx Million	Original Completion	Date Format
PMU Cost		Revised Completion	Date Format
MC Cost			
EPC Cost			
Other Details:			
CONSULTANT	Consultant Name		

CONTRACTOR	Contractor Name
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All the fields in aforementioned form will be entered once in the application and will have an option to update/edit. i.e. in case PD, Contractor & Consultants are not hired initially then this information can be updated once the services are hired

Project Progress

S. NO.	Item of Work		Planned		Revised Plan Date		Actual Progress (%age)	Comments
			Start	Finish	Start	Finish		
1	Land Acquisition							
2	NOC from Environment Protection Agency							
3	Security Arrangements & Safety Measures							
4	Mobilization							
5	Access Road / Camps	Design & Construct						
6	Weir	Design & Construct						
7	Sand Excluder/Trap	Design & Construct						
8	Power Channel	Design & Construct						
9	Surge Tank							
10	Tunnel Excavation	Design & Construct						
11	Tunnel Lining	Design & Construct						
12	Powerhouse (Civil)	Design & Construct						
13	E&M Equipment	Design & Construct						
14	Switchyard	Design & Installation						
15	Transmission Line	Design & Installation						
16	Colony & Other Buildings	Design						

Other Associated Actions

S. No	Activity	Progress
1	Load Flow Study / Interconnection Study	Submission
		Approved
2	Generation License	Submission
		Approved
3	Tariff Status	Submission
		Approved
4	NTDC /PESCO Consent - Power Evacuation	Submission
		Approved
5	PESCO Consent - Power Absorption	Submission
		Approved
6	Energy Purchase Agreement (EPA)	Submission
		Approved

Either 0 or 100% only 2 options here

Alarms for Other Associated Actions

1	Load Flow Study / Interconnection Study	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Overall Progress of the project reaches 15% 2. GM when the Overall Progress of the project reaches 20% 3. Executive when the Overall Progress of the project reaches 25%
2	Generation License	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Overall Progress of the project reaches 40% 2. GM when the Overall Progress of the project reaches 55% 3. Executive when the Overall Progress of the project reaches 65%
3	Tariff Application	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Generation License is Approved or Overall Progress of the project reaches 70% (whichever is earlier) 2. GM when the Overall Progress of the project reaches 75% 3. Executive when the Overall Progress of the project reaches 80%
4	NTDC / PESCO Consent - Power Evacuation	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Overall Progress of the project reaches 15% 2. GM when the Overall Progress of the project reaches 20% 3. Executive when the Overall Progress of the project reaches 25%
5	PESCO Consent - Power Absorption	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Generation License is Approved or Overall Progress of the project reaches 70% (whichever is earlier) 2. GM when the Overall Progress of the project reaches 75% 3. Executive when the Overall Progress of the project reaches 80%
6	Energy Purchase Agreement (EPA)	Alarm for this activity must be generated to <ol style="list-style-type: none"> 1. PD when the Generation License is Approved or Overall Progress of the project reaches 70% (whichever is earlier) 2. GM when the Overall Progress of the project reaches 75% 3. Executive when the Overall Progress of the project reaches 80%

- **Solar Projects:**

Project Brief & Progress

Step No. 1

Every project at the time of its concept stage has different scope and with different activity lists, therefore the Officer that has been assigned the responsibility for projects approval under ADP schemes will have the privilege to create Activity Lists along their timelines (Work Plans). Activity list with their times may be in the following format.

S. NO.	Item of Work	Planned		Actual Progress (%age)	Comments
		Start	Finish		

Step No. 2

When the Project is approved

For creation of a Solar project first we have to provide the project brief with the following information.

Project Name (Alpha Numeric)		Date of Generating this Report (Date Format)	
PC-1 Cost	PKR xxx Million	Commencement Date	Project Start Date
Original Completion		Date Format	
Revised Completion		Date Format	
Other Details:			
PEDO PMU	PD Name		
CONSULTANT	Consultant Name		
CONTRACTOR	Contractor Name		

All the fields in aforementioned form will be entered once in the application and will have an option to update/edit. i.e. in case PD, Contractor & Consultants are not hired initially then this information can be updated once the services are hired

Project Progress

For the Solarization, as every project has different scope and with different activity lists, therefore Project Director for the Solarization projects under ADP schemes will have the privilege to create Activity Lists along their timelines (Work Plans). Activity list with their times may be in the following format.

S. NO.	Item of Work	Planned	Revised Plan Date	Actual Progress (%age)	Comments
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- **Project to be replicated at Multiple Locations (Hydro/Solar)**

An ADP funded project that has be to implemented across KP, for this kind of project, we will have different yard stick to monitor and evaluate the performance of the project.

Step No. 1

Every project at the time of its concept stage has different scope and with different activity lists, therefore the Officer that has been assigned the responsibility for projects approval under ADP schemes will have the privilege to create Activity Lists along their timelines (Work Plans). Activity list with their times may be in the following format.

S. NO.	Item of Work	Planned	Actual Progress (%age)	Comments
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Project Brief

Step No. 2

When the project is approved for Solar/Hydropower project to be replicated at multiple sites first we have to provide the project brief with the following information.

Project Name (Alpha Numeric)		Date of Generating this Report (Date Format)	
PC-1 Cost	PKR xxx Million	Commencement Date	Project Start Date
Original Completion		Date Format	
Revised Completion		Date Format	

All the fields in aforementioned form will be entered once in the application and will have an option to update/edit.

Project Progress

For installation of Solar Panels at multiple sites across KP, Project Director will have the privilege to create Activity Lists along their timelines (Work Plans). Activity list with their times may be in the following format.

Step 3

S. NO.	Item of Work	Planned		Revised Plan Date		Actual Progress (%age)	Comments
		Start	Finish	Start	Finish		
1	Hiring of Consultants						
2	Hiring of Contractors						
3	Survey of Sites Availability						
4	No. of Approved feasibilities/Sites						

Step 4

Selected Contactors & Assigned Districts

S. No	Contractor	Consultant	Assigned District	No. of Projects
1.	M/s XYZ	M/s EFG	Karak	50
2.	M/s XYZ	M/s EFG	Bannu	45
3.	M/s XYZ	M/s ETC	Kohat	70
4	M/s ABC	M/s ETC	Swat	20
5	M/s ABC	M/s GTG & so on	Upper Dir	28

Step 5

Project Actual Progress

S. NO.	District	Planned		Revised Plan Date		Projects to be completed	Completed Projects	Progress in %
		Start	Finish	Start	Finish			
1								

Financial Progress

EPC Contract Price	PKR xxx Million
Payment (Up to date)	PKR xxx Million
Financial progress (%age)	xx % ← to be calculated automatically

MC Contract Price	PKR xxx Million
Payment (Up to date)	PKR xxx Million
Financial progress (%age)	xx % ← to be calculated automatically

PMU Cost	PKR xxx Million
Payment (Up to date)	PKR xxx Million
Financial progress (%age)	xx % ← to be calculated automatically

Note:

- Monthly, Quarterly and Yearly Expense Reports to be generated for the Projects or all Projects
- Alarms shall be generated when there is Physical progress but no Financial Progress (Quarterly Basis)
- Financial planning & progress on monthly, quarterly & yearly basis
- Periodic Reporting of Releases & Expense incurred

RENEWABLE ENERGY/PRIVATE POWER PROJECTS

1. Solicited Sites

Project Brief

Project Name (Alpha Numeric)		Sponsor Name		MW Capacity
Project Cost	xxx in Millions	Commencement Date		Project Start Date
Notional Cost	xxx in Millions			
PC-I Cost		PKR xxx Million	Original Completion	Date Format
			Revised Completion	Date Format

All the fields in aforementioned form will be entered once in the application and will have an option to update/edit

Project Progress

The key activities involved in solicited sites as per guidelines of KP Hydropower Policy 2016 are explained below, these Activities are pre-defined along with their timelines but Directorate of PD/RE must have an option of editing or updating these already defined activities and timelines but changes have to be approved by GM.

S. No	Activity	Duration
1	Advertisement of sites in Newspaper	01 Day
2	Registration of firms (USD 100) and Purchase of Pre-Qualification Document PQD (USD 1500 up to 100MW and USD 3000 above 100MW)	4 Months
3	Submission of Proposals / SOQs on the basis of PQD	01 Day
4	Evaluation of Proposals / SOQs	45 Days
5	Approval of Evaluations by PEDO Board	15 Days
6	Notification to the Pre-Qualified Bidders to Purchase RFP	07 Days
7	Issuance of RFP to Pre-Qualified Bidders	02 Months
8	Pre-Bid Meeting(s) (60 Days from Issuance of RFP)	01 Day
9	Bid Submission	03 Months
10	Opening of Technical Bids (Envelope I)	01 Day
11	Clarification/Evaluation of Technical Bids	45 Days
12	Notification of Technically Responsive Bidders and Grievances redressal	07 Days
13	Opening of Financial Bids (Envelope II) of Technically Qualified Bidders	01 Day
14	Evaluation of Financial Bids (Envelope II)	45 Days

15	Bid Evaluation Report Approval by PEDO Board	15 Days
16	Approval of evaluation report & Ranking / Notification of Successful Bidder (ranked first) by NEPRA	15 Days
17	Submission of application by Successful Bidder (ranked first) for approval of Tariff to NEPRA. The first ranked Bidder, will apply for Generation Licence in accordance with the applicable rules and regulations of NEPRA	15 Days
18	Approval of Tariff and Intimation to Federal Govt. by NEPRA for notification in pursuance of Section 31(4) of NEPRA Act	45 Days
19	Notification of Tariff in Official Gazette	15 Days
20	Letter of Award to the Successful Bidder	15 Days
21	Submission of Performance Guarantee @US\$ 5,000/MW and Processing Fee by the Successful Bidder plus relevant conditions fulfilment	30 Days
22	Issuance of LOS by PEDO&PPIB to successful Bidder	30 Days
23	Signing and Execution of Project Agreements (from issuance of LOS) (15 days)	15 Days
24	Financial Close (from issuance of LOS)	18 Months
25	Commercial Operation Date	Varies from Project to project

2. Raw Site

Details are exactly as that of Solicited site but the pre-defined activities and timelines are as follow

S. No	Activity	Timelines
1	Receiving of applications from sponsors	01 Day
2	Registration of sponsor on first come first serve basis and Purchase of Expression of Interest (EOI) or Qualification Document (QD)	14 Days
3	Submission of Proposals / SOQs as per EOI / QD	02 Months
4	Evaluation of Proposals / SOQs	45 Days
5	Approval of Evaluation by PEDO Board	15 Days
6	Issuance of NOC to Qualified Sponsor / Applicant	07 Days
7	Submission of a Bank Guarantee @ US\$ 1,000 per MW by successful applicant to PEDO	30 Days
8	Issuance of LOI (Award) to the Sponsor/Project Company for the conduct of a feasibility study	15 Days

9	Feasibility study will be monitored by the Panel of Experts (POE)	24 Months
10	Approval of feasibility study by POE	15 Days
11	Application to NEPRA for Feasibility Level Tariff for determination / approval and issuance of generation license by Sponsor	15 Days
12	Determination / Approval of FS Stage Tariff by NEPRA	45 Days
13	Notification of Tariff in Official Gazette	15 Days
14	Submission of Performance Guarantee @US\$ 5,000/MW and Processing Fee by sponsor plus relevant conditions fulfilment	30 Days
15	Issuance of LOS by PEDO or Tri-partite LOS by PEDO / PPIB	30 Days
16	Signing and Execution of Project Agreements (IA with PPIB, PPA with CPPA-G, WUC with Province)	15 Days
17	Financial Close (from issuance of LOS)	18 Months
18	Commercial Operation Date	Varies from project to project

3. Semi Raw Sites

Details are exactly as that of Solicited site but the pre-defined activities and timelines are as follow

S. No	Activity	Timelines
1	Advertisement of sites in Newspaper (National or International Press)	01 Day
2	Registration of interested parties / applicants (USD 100) and Purchase of Expression of Interest EOI or Qualification Document QD (USD 1500 up to 100MW and USD 3000 above 100MW)	04 Months
3	Submission of Proposals / SOQs as per EOI / QD	01 Day
4	Evaluation of Proposals / SOQs	45 Days
5	Approval of Evaluation by PEDO Board	15 Days
6	Issuance of NOC to Qualified Sponsor / Applicant	07 Days
7	Submission of a Bank Guarantee @ US\$ 1,000 per MW by successful applicant to PEDO	30 Days
8	Issuance of LOI (Award) to the Sponsor/Project Company for the conduct of a feasibility study	15 Days

9	Feasibility study will be monitored by the Panel of Experts (POE)	24 Months
10	Approval of feasibility study by POE	15 Days
11	Application to NEPRA for Feasibility Level Tariff for determination / approval and issuance of generation license by Sponsor	15 Days
12	Determination / Approval of FS Stage Tariff by NEPRA	45 Days
13	Notification of Tariff in Official Gazette	15 Days
14	Submission of Performance Guarantee @US\$ 5,000/MW and Processing Fee by sponsor plus relevant conditions fulfilment	30 Days
15	Issuance of LOS by PEDO or Tri-partite LOS by PEDO / PPIB	30 Days
16	Signing and Execution of Project Agreements (IA with PPIB, PPA with CPPA-G, WUC with Province)	15 Days
17	Financial Close (from issuance of LOS)	18 Months
18	Commercial Operation Date	Varies from project to project

4. Solar

Details are exactly as that of Solicited site but the pre-defined activities and timelines are as follow

S. No	Activity	Timelines
1	Submission of proposal on raw site by sponsor	01 Day
2	Review of proposal and qualification of sponsor	45 Months
3	Submission of a Bank Guarantee by sponsor	30 Days
4	Issuance of LOI (Award) to the Sponsor/Project Company for the conduct of a feasibility study	15 Days
5	Feasibility study based on schedule submitted by sponsor in proposal	18 Months
6	Application to NEPRA for Feasibility Level Tariff for determination / approval and issuance of generation license by Sponsor	15 Days
7	Determination / Approval of FS Stage Tariff by NEPRA	45 Days
8	Notification of Tariff in Official Gazette	15 Days
9	Submission of Performance Guarantee by sponsor	30 Days

10	Issuance of LOS by PEDO or Tri-partite LOS by PEDO / PPIB	30 Days
11	Signing and Execution of Project Agreements	15 Days
12	Financial Close (from issuance of LOS)	18 Months
13	Commercial Operation Date	Varies from project to project

5. Foreign State Owned Enterprises/Public Sector Organizations

Procedure for G2G is the same as Solicited Sites but Directorate of PD/RE must have the privilege to define the activities & timelines and GM has to approve it

II. e-Tender System

Development of an e-tendering System for PEDO having the following features.

- A secure & efficient system for contractors enlistment
- Avoidance of bid alteration
- Blocked ways for Pooling amongst the bidders
- Only enlisted contractors can offer their bids online
- Visibility of comparative Statement to Contractor for the bids
- Computerized Work Orders
- Tracking of the work orders issued / not issued
- Automated comparative statements
- Avoidance of bid alteration
- An intelligent security system
- Monitoring / Investigation of the Tenders from the Head office

Propose a solution where,

- Compatible with Single Stage (one, two Envelop), Two Stage bidding Procedure, as per KPPRA Rules
- Technical & Financial Proposals to be submitted online, along with a submission of Hardcopies of Technical Proposal (only) to the Main Office/Sub Office
- Only Hash of Contractors submission to be Stored, thus making the process Transparent & Secure
- Automated Scoring of Technical Proposals & Comparative Statements
- Work Orders
- Fully customized solution

b. Installation, Configuration & Commissioning of SMD's, Video Wall, VC Equipment & Sound System

PEDO intends to revamp its Committee Room thus the installation of the following hardware with specs is required to be installed. Configured and commissioned in the Committee Room, PEDO House Peshawar.

S. No		Description	Qty
1	Surface-Mounted Device	SMD Projection Screen size 6x12ft* Indoor HD Media Source, LED Life upto 100,000hrs P-3.0mm SMD RGB 4K 2121 Lamp Driving Method Scan 1/32 No Bazel, No Gap Daylight visible Refresh Rate 1920Hz 1200 brightness/cdm2 View distance 3m-30m Audio/Video Supported Live Streaming Processor Controller Hdmi, VGA, DVI, USB, CVBS. Structure Iron with complete in all respect. Warranty 1 year	1
2	Video Wall	<p><u>Video Wall LCD</u> <u>Panel Specifications</u> (4 x 3) Panel Size: 55" LCD Screen(with narrow bezel 0.88mm,with LED Backlight) Aspect Ratio: 16:09 Max Resolution Support: 1920x1080 Pixel Pitch: 0.63(H)x0.63 (V) Color 8Bit,16.7M Brightness (nits) 450cd/m2 Contrast 4000:1 Visual Angle (H/V) 178°(H) / 178°(V) Response Time <=8ms Aspect ratio 16:09 Quality compensation tech. LTI,CTI Motion compensation tech. AUTO MOVE Filter 3D comb filtering, digital noise reduction Video standard PAL,NTSC</p> <p><u>Video Wall Controller (Built-in each screen – 9 units)</u></p> Digital signal input HDMI×1; 1920x1080@60Hz backward compatible Computer signal input VGA(DB-15) ×1; 1920x1080@60Hz backward compatible RJ45 3 USB 1 Computer centralized control interface RS232 Power AC 100V – 240V Shell material Metal Shell, Anti-Static, Anti-Magnetic, Anti-Strong electric field interference	

		<p>Installation Wall Mount, Floor Standing mount, hanging mount Temperature 0°C~50°C</p> <p><u>Bracket</u> (9 units)</p> <p>push in and push out bracket with complete stand.</p> <p><u>Software</u></p> <p>Life time software</p> <p><u>Video Processor</u> (One Unit)</p> <p>Video processor with 09 in and 09 out HDMI port expandable to 36 ports, DVI output, CVBS input, Redundant power supply, 09 units of 10 meter HDMI cables, 09 units of 30 meter HDMi Cables, 2U Video Processor Chassis, 27U Data Cabinet, Complete electrification.</p> <p><u>Accessories (As per requirements)</u></p> <p>RJ45 to USB cable,CAT5 Cables, Power Cables,CD,English Manual, Remote Controller, etc.</p>	
3	Video Conferencing Equipment	<p>Video Resolution: 720p @30/60fps Video Standards: H.264, H.263, H.261 Camera Zoom: 10x optical, 12x digital Dual Monitor Support: yes Content Sharing: send/receive MultiPoint Support: 4x 1080p, 6x 720p (via licensing) Voice Quality: HD audio, up to 22kHz Protocol Support: SVC, SIP, TIP Microsoft Lync: supported Ethernet Connections: 1x 10/100/1000 A/V Inputs: HDCI, HDMI, VGA, 3.5mm, ConferenceLink2 A/V Outputs: 2x HDMI, 3.5mm Auxiliary Ports: 2x USB, RS-232 Expandable: yes one-year warranty EagleEye IV camera with 12x zoom Group microphone array Remote control Cables</p>	1

4	System Amplifier	Control unit with recorder and DAFS, Plug-and-play functionality for quick and easy connection of up to 80 Discussion Devices Intuitive web browser interface , control for advanced configuration and control, Built-in MP3 recorder with internal memory and USB recording, Built-in Digital Acoustic Feedback Suppression (DAFS) for ensuring superior speech intelligibility.	1
5	System Delegate Unit	Discussion Device for the Digital Discussion System (Bosch, Honeywell or equivalent) supplied with short-stem fixed microphone, configurable as a delegate device or chairperson's device, Unique patent pending possible-to-speak indicator.	32
6	System Chairperson's Unit	Discussion Device for the Digital Discussion System (Bosch, Honeywell or equivalent), supplied with the long-stem fixed microphone, configurable as a delegate device or chairperson's device, Unique patent pending possible-to-speak indicator	1

Section B

Format for Technical Proposals and Financial Proposal

The technical proposal should be concisely presented and structured in the **form of chapters** to include, but not necessarily be limited to, the following information. Support material should not be part of the main proposal but should be placed at Appendixes.

Format for Technical Proposal

General

The responding organization (RO) should provide the following.

- Name of the participating organization or participating organizations (if more than one) in the responding consortium, including their scope of involvement.
- Number of years of incorporation of the participating organization or participating organizations (if more than one) along with NTN & GST Certificates

Financial Capabilities

The responding organization (RO) shall describe the financial position of its organization.

Income Statement or Annual Report of the last 3 years should be included in the detailed Technical proposal. Along with the annual turnover & income tax returns of the last 3 years.

Relevant Experience

Responding Organizations must meet the following criteria:

1. Proven track record of providing consultancy to Government Departments.
2. Prior experience of implementing large scale IT and automation projects
(Note: Experience with government organisations will be preferred)

Sr. No.	Nature of Project	Total Value PKR (m)	Name of the Project, Customer, Contact person & Contact Details

Staff assigned to the Project

1. The consulting organization would provide a project manager having experience in ICT related projects
2. Brief CVs of all Staff with their past experience and academic qualification for the same projects

Project Implementation/Management Plan

The responding organization shall provide a detailed implementation plan and project management plan. Responding Organization should provide the **timeline**. It is imperative to mention here that all the components of the project must be completed/developed within 6 months from the date of contract signing. Responding Organization should cover **tasks assigned to the employees and resource allocation** of responding organization during the

course of the project. This should not be in generic terms but should be specific to the project. Project plans in tabular form, mentioning names of tasks, sub tasks, start date, finish date, resources and milestones will also be appreciated. In the training category, ROs to provide detailed training schedules along with the names of resources.

Deliverables

The responding organization should clearly mention and list all the deliverables to be completed under the proposed project. All architectural deliverables must comply with industry standards.

Technical and Financial Evaluation

There will be a two-stage technical evaluation followed by a financial evaluation. Preliminary evaluation (Initial Screening) of technical bids will be done on the basis of following parameters:

The Tenderer(s) should meet the following Eligibility / Qualification Criteria to participate in the Tender Process and must enclose documentary proof for fulfilling the Eligibility / Qualification in its Proposal:

Sr.#	Description	Required Documents
1	Certificate of Company/Firm Registration /Incorporation under the laws of Pakistan with minimum 5 years of Relevant Experience	Registration certificates, Experience Certificates, Completion Certificates, etc.
2	Valid Income Tax Registration	Certificate or Document
3	Valid General Sales Tax Registration (Status = Active with FBR)	Certificate or Document
4	Submission of undertaking on legal valid and attested stamp paper that the firm is not blacklisted by any of Provincial or Federal Government Department, Agency, Organization or autonomous body or Private Sector Organization, Anywhere in Pakistan	Affidavit on Stamp Paper
5	Annual Turn Over of at least 100 Million (Rs)	3 years Audit Report
6	Annual Tax Returns of FBR	FBR Tax Returns 3 years
7	CDR	2% of the total bid amount

Note: The proposal will be rejected if any of the aforementioned condition/document is not fulfilled/attached

Detailed technical evaluation will be done for firms who qualify the preliminary evaluation mentioned above. Ratings for the technical evaluation will be as follows:

Sr. No.	Description	Evaluation Weight-age
1.	Technical Proposal	80%
2.	Financial Proposal	20%

Financial bids of firms who score at least 70% on the technical evaluation (as a whole) will be opened before the representatives who wish to attend the tender opening.

20% weightage will be given to financial proposals of responding organizations.

Technical Evaluation Criteria

Sr.#	Clause	Marks
A	Company Portfolio = 27 Marks	
1	Number of Years the firm has been established(0.5 Mark for each year)	05
2	Number of Completed Projects (1 Marks for each Project amounting to Rs. 20 Million & above)	06
3	Number of Completed Projects in any Government Institution (2 Marks for each project amounting to Rs. 20 Million & Above)	10
4	Number of Offices across Pakistan (1 Mark for each Office)	04
5	Registration with the professional bodies (ISO/PSEB)	02
B	Financial Capabilities = 10 Marks	
1	Average Annual Turn Over of the bidder for the last 3 Years (upto 100 Million=3 Marks, 200 Million =6 Marks, 300 Million or above =10 Marks)	10
C	Relevant Staff Assigned to the Project = 22 Marks	
1	Project Manager	
	a. Experience (1 mark for each year)	5
	b. PMP Certified Project Manager (Max 2 Mark)	2
2	Number of Designer/Developers (1 mark for each Employee Max upto 5)	5
3	Number of Supporting Staff (Technical/Software Engineers) (1 mark for each Employee)	10
D	Proposed Solution = 21 Marks	
1	Understanding of the project	5
2	Approach and Methodology / Source Code / Technology Road Map	5
3	Support & maintenance offering after deployment (Onsite & Offsite) (3 Marks/6 months)	6
4	Detailed work plan for development of applications and installation, configuration & commissioning of SMD, VC Equipment & Sound System	5
Total Marks		80

Note:

- Attach PO's/LOI's along with completion Certificates for projects
- Attach detailed CV's along their contact details i.e. emails & Contact Numbers & Salary Slips of Staff
- Documentary Proof of each Office i.e. Ownership/Rental Contracts, Addresses, Landline Numbers, etc.

Format for Financial Proposal

The format of the financial proposal must be as follow

S. No.	Activity	Cost		
1	Development of Software Application			
	i. Monitoring & Evaluation System	Rs.		
	ii. e-Tendering System	Rs.		
	Subtotal	Rs.		
2	Installation, Configuration & Commissioning of the following in Committee Room, PEDO			
	i. Surface-Mounted Device with detailed Specifications	Unit	Qty	total
	ii. Video Wall Solution with Detailed Specifications			
	iii. Video Conferencing equipment with detailed Specifications			
	iv. System Amplifier with detailed Specifications			
	v. System delegate unit			
	vi. System Chairperson unit			
	Subtotal	Rs.		
	Grand Total	Rs.		

Section C

General Terms and Conditions

1. The proposal and price shall remain valid for a period of not less than 90 days from the closing date of the submission of the proposal.
2. The technical and financial proposals should be delivered in separate sealed envelopes. At the top left of the envelopes it should be clearly stated "Tender for Software Development & Installation, Configuration & Commissioning of SMD, VC Equipment & Sound System"
3. It should be clearly stated on the envelope, whether it contains the technical or the financial proposal.
4. The technical proposal will be opened on 4th February, 2020 at 2:00 PM in the presence of the authorized representatives of the bidders who may wish to attend. The financial proposals of only the technically viable/ short listed bidders will be opened on a date to be specified later.
5. Tenders must be accompanied with bid security/earnest money (refundable) for an amount of 2% of bid value in shape of pay order/ bank draft. The earnest money should be included in the sealed financial proposal. Tenders without earnest money or less than 2% of the bid value will not be entertained and rejected straightaway.
6. The Competent Authority reserves the right to accept or reject any or all tenders at any stage according to KP Procurement Rule 2014.
7. All government taxes will be deducted at source as per rules.
8. PEDO has the rights to add, enhance or remove any functionality not disturbing the major scope of work.
9. PEDO will not bear any expense incurred in the preparation of proposals in response to this RFP.
10. All responses to this RFP shall become the property of PEDO.
11. Proposals sent to PEDO by Fax or Email will not be accepted.
12. Proposals submitted after due date and time will be rejected.
13. An effort by any firm(s) to influence PEDO, "directly or indirectly through unfair means", in PEDO proposal evaluation, proposal comparison or contract award decisions, to meet or discuss with any PEDO official unless desired by the PEDO may result in the rejection of bidder's proposal.
14. Clarifications about the requirements can be obtained from:

Zahid Nawaz
Manager IT Infrastructure
PEDO, Peshawar
zahid.nawaz@pedo.pk
091-9217422 Ext. 304