INTEGRATED SECURITY SYSTEM FOR SUNDAR INDUSTRIAL ESTATE ON TURNKEY BUILD OWN OPERATE TRANSFER BASIS



BOARD OF MANAGEMENT SUNDAR INDUSTRIAL ESTATE

MARCH, 2017

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ABBREVIATIONS

Term	Definition
BOM-SIE	Board of Management Sundar Industrial Estate
SIE	Sundar Industrial Estate
ISS	Integrated Security System
PQ	Pre-qualification
ITB	Invitation to Bid
воот	Build-Own-Operate-Transfer
ВОТ	Build-Operate-Transfer
GIS	Geographical Information System
СОВ	Close of Business
PEC	Pakistan Engineering Council
PTA	Pakistan Telecommunication Authority
PRA	Punjab Revenue Authority
FTTP	Fiber to the Premises
ANPR	Automatic Number Plate Recognition
FOC	Free of Cost
VoIP PBX	Voice Over IP Private Box Exchange

1. GENERAL

Board of Management Sundar Industrial Estate intends to invite for Pre-qualification, applications from interested applicant(s) for the provision of Integrated Security System, a technology solution for Sundar Industrial Estate.

Accordingly, interested companies / firms registered with Income Tax, Sales Tax & Punjab Sales Tax Departments and who are on Active Taxpayers list of the Federal Board of Revenue, Punjab Revenue Authority and other relevant requirements as per Federal and Provincial Laws as / if applicable, having requisite Technical, Financial and Managerial capabilities are invited to participate in the PQ process for the above said Project through submission of their documents to be considered for pre-qualification.

2. PURPOSE OF THIS DOCUMENT

The purpose of this document is to prequalify eligible applicant(s) capable of design, supply, installation, testing and commissioning of ISS on TURNKEY, Build-Own-Operate-Transfer basis including maintenance and uninterrupted support for a period of five years extendable up to ten years. The applicants are required to provide profiles of their firms comprising experience, personnel and financial strength along with proposed technical solutions including but not limited to the firm's concept for integration of proposed project components and resultant operations.

3. INSTRUCTIONS TO APPLICANTS

3.1 Submission of Applications

- 3.1.1 Applications for PQ (one original and two copies) must be submitted in sealed envelopes to be delivered by hand, through registered mail or courier service to Primary Contact (BOM-SIE Office: Gate # 2, Sundar Industrial Estate, Sundar Road, Lahore) for PQ not later than 11.30 am on March 24, 2017 and be clearly marked "Application for PQ" for INTEGRATED SECURITY SYSTEM FOR SUNDAR INDUSTRIAL ESTATE ON TURNKEY, BOOT BASIS.
- 3.1.2 BOM-SIE reserves the right to reject the late applications.
- 3.1.3 The name and mailing address of the Applicant shall be clearly marked left hand on the envelope.
- 3.1.4 The applications shall be prepared in the English language.
- 3.1.5 BOM-SIE reserves the rights to dis-qualify in case of non-compliance of the above requirement.
- 3.1.6 The Applicants must respond to all questions and provide complete information as advised in this document. Any lapses to provide essential information may result in dis-qualification of the Applicant.
- 3.1.7 If required, relevant queries and clarifications needed, may be submitted by COB till March 8, 2017 to the Primary Contact at BOM-SIE.

3.2 Qualification Criteria

3.2.1 General

Pre-qualification will be based on the criteria given in succeeding paras 3.2.2 to 3.2.6 regarding the Applicant's Experience, Past Performance, Financial Soundness, Resources & Capabilities and Proposed Solution as demonstrated by the Applicant's responses.

BOM-SIE reserves the right to waive minor deviations, if these do not materially affect the capability of an applicant to perform the contract.

Joint Venture experience & resources shall be considered collectively. However, sub-contractor's experience and resources shall not be taken into account in determining the Applicant's compliance with the qualifying criteria.

Sr. No.	Category	Weightage / Marks
1	General / Relevant Experience	20
2	Past Performance and Managerial Competencies	20
3	Resources and Capabilities	25
4	Financial Position	25
5	Proposed Solution	10
	Total	100

Note: Pre-qualification status shall be decided on Pass / Fail basis. The applicant must secure at least 60% marks in total and 50% marks in each category.

Further detailed criteria for each category is given under each head as follows:

3.2.2 General / Relevant Experience

Credit Marks for experience shall be awarded on the basis of following qualifications:

Sr. No.	Description	Weightage / Marks
i)	Years of incorporation / registration of company:	5
	 a) 5 years or more [5 marks] b) 4 years or more but less than 5 years [4 marks] c) 3 years or more but less than 4 years [3 marks] d) 2 years or more but less than 3 years [2 marks] e) 1 year or more but less than 2 years [1 mark] 	
	(Please attach all relevant evidences / documents)	

ii)	Experience in Network Infrastructure relevant projects of	5
	similar nature and complexity:	
	a) 5 or more projects [5 marks]	
	b) 4 projects [4 marks]	
	c) 3 projects [3 marks]	
	d) 2 projects [2 marks]	
	e) 1 project [1 mark]	
	(Please attach all relevant evidences / documents)	
iii)	Experience in Surveillance relevant projects of similar	5
	nature and complexity:	
	a) 5 or more projects [5 marks]	
	b) 4 projects [4 marks]	
	c) 3 projects [3 marks]	
	d) 2 projects [2 marks]	
	e) 1 project [1 mark]	
	(Please attach all relevant evidences / documents)	
iv)	BOOT / BOT Experience in relevant business areas:	5
	a) Two or more BOOT / BOT Projects [5 marks]	
	b) One BOOT / BOT Projects [2.5 marks]	
	(Please attach all relevant evidences / documents)	
	Total	20

3.2.3 Past Performance and Managerial Competencies

Credit Marks for past performance and managerial competencies shall be awarded on the basis of following qualifications:

Sr. No.	Description	Weightage / Marks
i)	Timely completion of Network Infrastructure projects of	5
	similar nature and complexity completed over last 10	
	years:	
	a) 5 or more projects [5 marks]	
	b) 4 projects [4 marks]	
	c) 3 projects [3 marks]	
	d) 2 projects [2 marks]	
	e) 1 project [1 mark]	
	(Please attach all relevant evidences / documents)	

ii)	Timely completion of Surveillance projects of similar nature and complexity completed over last 10 years:	5
	a) 5 or more projects [5 marks]	
	b) 4 projects [4 marks]	
	c) 3 projects [3 marks]	
	d) 2 projects [2 marks]	
	e) 1 project [1 mark]	
	(Please attach all relevant evidences / documents)	
iii)	Experience of working with Government, Semi-	5
	Government, Autonomous organization and other public	
	sector agencies:	
	a) 5 or more projects [5 marks]	
	b) 4 projects [4 marks]	
	c) 3 projects [3 marks]	
	d) 2 projects [2 marks]	
	e) 1 project [1 mark]	
	(Please attach all relevant evidences / documents)	
iv)	Satisfactory Reports of completed projects from previous	5
	employers:	
	a) 5 reports [5 marks]	
	b) 4 reports [4 marks]	
	c) 3 reports [3 marks]	
	d) 2 reports [2 marks]	
	e) 1 report [1 mark]	
	(Please attach all relevant evidences / documents)	
	Total	20

3.2.4 Resources and Capabilities

Credit Marks for resources and capabilities shall be awarded on the basis of following criteria:

Sr. No.	Description	Weightage / Marks
i)	Total Staff Strength of permanent employees:	4
	a) Above 50 Employees [4 marks]b) 41 to 50 Employees [3 marks]c) 31 to 40 Employees [2 marks]d) 30 or less Employees [1 mark]	
	(Please attach all relevant evidences / documents)	

ii)	Number of Technical and Skilled staff with applicable	16
	qualifications and certifications:	
	a) 1x Electrical Engineer = 1 mark	
	b) 1x Telecom Engineer = 1 mark	
	c) 1x IT / Network Engineer = 1 mark	
	d) 1x Electrical Sub-Engineer / Technician = 0.5 mark	
	e) 1x Telecom Sub-Engineer / Technician = 0.5 mark	
	f) 1x IT / Network Sub-Engineer /	
	Technician = 0.5 mark	
	g) 1x CCTV Specialist / Technician = 0.5 mark	
	h) 1x RFID Specialist / Technician = 0.5 mark	
	i) 1x Operator = 0.5 mark	
	j) 1x Sub-Engineer / Technician = 0.5 mark	
	k) 1x GIS Specialist = 0.5 mark	
	(Please attach all relevant evidences / documents)	
iii)	Equipment required for the project (major essential equipment for installation and testing such as Bucket Crane, Fiber Optic Pulling Machine, Fiber Optic Tester,	2
	etc.):	
	a) List of major essential equipment for Network Infrastructure projects = 1 mark	
	b) List of major essential equipment for Surveillance projects = 1 mark	
	(Please attach all relevant documents)	
iv)	Source of equipment required for the project:	3
	a) More than 50% owned and rest is leased / rented = 3 marks	
	c) 30% - 50% owned & rest is leased / rented = 2 marks	
	d) Less than 30% owned & rest is leased / rented = 1 mark	
	(Please attach all relevant evidences / documents)	
	Total	25

3.2.5 Financial Position

Credit Marks for financial position shall be awarded on the basis of the following criteria:

Sr. No.	Description	Weightage / Marks
i)	Average Annual Turnover for last three years:	10
	a) Above PKR 600 Million [10 marks] b) Above PKR 450 to 600 Million [8 marks]	
	c) Above PKR 300 to 450 Million [6 marks] d) Above PKR 200 to 300 Million [4 marks]	
	e) Above PKR 200 to 300 Million [4 marks]	
	(Please attach all relevant evidences / documents)	
ii)	Net Worth with available Credit Line:	10
	a) Above PKR 450 Million [10 marks]b) Above PKR 350 to 450 Million [8 marks]c) Above PKR 200 to 350 Million [6 marks]	
	d) Above PKR 100 to 200 Million [4 marks] e) PKR 100 Million or less [2 marks]	
	(Please attach all relevant evidences / documents / Letters from Banks)	
iii)	Audited Financial Statement:	5
	a) Last 5 years [5 marks]	
	b) Last 4 years [4 marks]	
	c) Last 3 years [3 marks]	
	d) Last 2 years [2 marks] e) Last 1 year [1 mark]	
	(Please attach all relevant evidences / documents)	
	Total	25

3.2.6 Proposed Solution

Credit Marks for proposed solution shall be granted on the basis of the following criteria including details of methodology, approach, work plan and innovation introduced for the project.

Sr. No.	Description	Weightage / Marks
i)	Methodology:	2
	a) Selection of necessary tools = 1 markb) Use of effective techniques = 1 mark	
	(Please attach all relevant evidences / documents)	

ii)	Approach:	3
	a) Scope coverage = 1 mark	
	b) Work breakdown indicating priority	
	items = 1 mark	
	c) Identification of risks and mitigations = 1 mark	
	(Please attach all relevant evidences / documents)	
iii)	Work Plan:	2
	a) Project Lifecycle Timeline with	
	milestones = 1 mark	
	b) Identification of deliverables = 1 mark	
	(Please attach all relevant evidences / documents)	
iv)	Innovation	3
	a) Reduce damage to existing setup = 1 mark	
	b) Support ECO / Green Procurement = 1 mark	
	c) Minimize project duration to start	
	operation = 1 mark	
	(Please attach all relevant evidences / documents)	
	Total	10

3.3 Eligibility Criteria

Only those applicants fulfilling the following basic requirements shall be considered for evaluation;

- a) Certificate of Company / Firm Registration / Incorporation under the laws of Pakistan.
- b) Valid Income Tax Registration.
- c) Valid General Sales Tax Registration.
- d) Valid Registration with PRA.
- e) Valid Registration in respective categories with PEC.
- f) Valid Registration / License in respective categories with PTA.
- g) Undertaking on legal valid and attested Stamp Paper that the firm is not blacklisted by any provincial or federal government department, agency, organization or autonomous body anywhere in Pakistan.

3.4 Joint Venture (JV)

- 3.4.1 Joint Venture must comply with the following requirements.
 - a) Following are minimum qualification requirements:
 - The qualification criteria for JV is the same as stated in paras 3.2, qualification criteria will be collectively applied to the JV members.
 - ii) The joint venture must collectively satisfy the criteria of paras 3.2, 3.3, 3.4 and 3.5, for which purpose the relevant figures for

each of the partners shall be added together to arrive at the JV's total capacity. Individual members must satisfy each of the requirements of paras 3.6 and 3.7 heretofore.

- b) Any change in a pre-qualified JV after pre-qualification, shall be subject to the written approval of the BOM-SIE prior to the deadline for submission of bids. Such approval may be denied if:
 - i) Partner(s) withdraw from a JV and remaining partners do not meet the qualifying requirements;
 - ii) The new partners to a JV are not qualified individually or as another JV; or
 - iii) In the opinion of the BOM-SIE, a substantial reduction in competition would result.
- c) Bid shall be signed by all members in the JV so as to legally bind all partners, jointly and severally, and any bid shall be submitted with a copy of the JV agreement providing the joint and several liabilities with respect to the contract.
- 3.4.2 The pre-qualification of a JV does not necessarily prequalify any of its partners individually or as a partner in any other JV or association. In case of dissolution of a JV, each one of the constituent firms may prequalify if they meet all the pre-qualification requirements and any partner of JV has requested / shall request for the same and then his pre-qualification shall be subject to the written approval of BOM-SIE.

3.5 Conflict of Interest

The Applicant (including all members of a JV) must not be associated, nor have been associated in the past, with the consultant or any other entity that has prepared the design, specifications, and other pre-qualification and bidding documents for the project, or was proposed as Engineer for the contract, over the last five years. Any such association may result in disqualification of the Applicant.

3.6 Updating Pre-Qualification Information

Bidders shall be required to update the financial, personnel and equipment information used for pre-qualification at the time of submitting their proposals, to confirm their continued compliance with the qualification criteria and verification of the information provided at the time of pre-qualification. A proposal shall be rejected if the Applicant's qualification thresholds are no longer met at the time of bidding.

3.7 Other Factors

- 3.7.1 Only firms and JVs that have been pre-qualified under this procedure shall be invited to participate further in the procurement process through ITB.
- 3.7.2 BOM-SIE reserves the right to:
 - a) Amend the scope and value of any contract to be bid, in which event the bidder(s) will only bid among those pre-qualified bidders who meet the requirements of the contract as amended.
 - b) Cancel the pre-qualification process and reject all applications as per PP Rule 35. BOM-SIE shall neither be liable for any such actions nor be under any obligation to inform the Applicant of the grounds for rejection, however, may be debriefed if solicited.
 - c) This PQ Document for "Provision of Integrated Security System for Sundar Industrial Estate on TURNKEY BOOT Basis" ('the Project') contains brief information about the Project and qualification process for pre-qualification of applicants for ITB stage. The purpose of the Document is to provide the applicants with information to assist the formulation of their PQ proposal and to pre-qualify Interested applicants for the ITB Stage.
- 3.7.3 Applicants will be informed in writing of the result of their applications and may be debriefed if solicited.

4. PROJECT BACKGROUND

The overall aim of the ISS is to improve the Security Operations' efficiency by deploying new hardware using up-to-date technology that will enable BOM-SIE to adopt more efficient working practices and new operating concepts. In progressing towards greater efficiencies, one of the ISS aims is to bring together various elements of BOM-SIE operations to work as a more unified team.

The ISS operations will integrate the Command, Control, Communication, Surveillance and Quick Response functions through following proposed service areas:

- **PHASE 1:** A. Core Optical Fiber Infrastructure
 - B. Vehicle Control & Monitoring System
 - C. Data Center Infrastructure
- **PHASE 2:** A. Video Surveillance System
 - B. Command & Control System
 - C. Emergency Response System

PHASE - 3: A. Perimeter Intrusion Detection System

- B. GIS Modeling System
- C. Wi-Fi Internet System

5. BRIEF SCOPE OF WORK

PHASE - 1 A. Core Optical Fiber Infrastructure

Provision of the following Commercial Services through Optical Fiber to the Premises Infrastructure on Gigabit Passive Optical Network (GPON) technology:

- Dark Fiber Connectivity.
- IP Transit.
- International Private Leased Circuit (IPLC).
- IP Telephony.
- IP Television.
- Virtual Private Network (VPN).
- Real Time Video Surveillance.
- Campus Management Control Points.
- Backhaul Connectivity to the National / International Backbone.

PHASE - 1 B. Vehicle Control & Monitoring System

Main Components of Vehicle Control & Monitoring System are as follows:

- Centrally Controlled Gates.
- Restricted Entry / Exit Vehicle & Pedestrian.
- Identification Classification & Scanning Vehicle & Pedestrian.
- Local Tracking.
- Speed Detection.
- Parking Management System.

PHASE - 1 C. Data Center Infrastructure

Provision of following Commercial Services through FTTP Infrastructure at Tier-3 Data Centre with Network Operation Center (NOC):

- Colocation Hosting.
- Cloud Hosting.
- Software as a Service (SAAS).
- Enterprise Email & Web Hosting.
- Data, Video & Backup Storage.
- Disaster Recovery Site.
- ISS Systems' Termination.

PHASE - 2 A. Video Surveillance System

Following areas are planned to cover under Video Surveillance System having main features of Face & Motion Detection, Audio Detection (where required), ANPR (where required), Day & Night Vision, Intelligent Video Analytics, Tempering and Virtual Line Alarm Trigger:

- Junctions / Squares.
- Entry / Exit Points.
- BOM-SIE Buildings.
- Grid Station.
- Mosques.
- Parks.
- Over Head Water Tanks.
- Perimeter.
- Main Roads.
- Commercial Areas.
- Vulnerable & Important Areas.

PHASE - 2 B. Command & Control System

Provision of following features in an Intelligent Building having Security Operation Center (SOC) with Command & Control Unit (CCU) and Security Information & Event Management (SIEM) System:

- Live Streaming & Monitoring.
- View of Recordings Online.
- Dashboards & Reporting.
- GIS Maps & Diagrams.
- Local Tracking Alerts.
- Intrusion Detection Alerts.
- Visitor Alerts.
- LMR Video Alerts.
- Wireless Zone Mapping.
- Vulnerability Mapping.
- Incidents Response.
- Dispatch Monitoring.
- Gates Controller.
- Video Walls.
- Video Cameras Controllers.
- Roster Management.
- Security Personnel Management.
- Microphone.
- Intercom.
- IP Phone.
- Video Land Mobile Radio.

PHASE - 2 C. Emergency Response System

Main Components of Emergency Response System are as follows:

- Video Land Mobile Radio / Mobile Portable Terminal.
- Guard Patrol System.
- VoIP PBX.
- Emergency Call Box & Short Code.
- Panic Button.

PHASE - 3 A. Perimeter Intrusion Detection System

Main Components of Perimeter Intrusion Detection System are as follows:

- Microwave PIDS.
- Laser Infrared PTZ Cameras
- High Posts for Security Guards.

PHASE - 3 B. GIS Modeling System

2D Modeling of Plots, Buildings, Environmental Status / Study with following underground laid Utilities within Sundar Industrial Estate and provision of integration with Systems of ISS & any ERP:

- Water Pipelines Network.
- Gas Pipelines Network.
- Electric Cables Network.
- Fire Hydrants Network.
- Sewer Pipes Network.
- Rain Water Network.
- Landline Cable Network.
- Optical Fiber Cable Network.

PHASE - 3 C. Wi-Fi Internet System

Provision of following Commercial Services over Wi-Fi Infrastructure to cover Sundar Industrial Estate with the provision of free access to guests for limited time.

- Internet Bandwidth.
- Connectivity.
- Local Apps Access (if required).

Note: Services including Commercial related to this project will be available on FOC basis to BOM-SIE. For example, Vehicle Control and Monitoring services, Data Center Services, WiFi Internet Services, etc.

6. TRAINING

Key element and it is critical component for the success of ISS. Comprehensive training programs for the management, operational, maintenance and support personnel be arranged regularly.

7. PROJECT MANAGEMENT

The scope of work is limited to area (1800 Acres and any future Extension in the area) under the jurisdiction of BOM-SIE.



8. CONTACT DETAILS

PRIMARY CONTACT

Sami Ullah Assistant Manager IT BOM-SIE

Gate # 2, Sundar Industrial Estate, Sundar Road, Lahore

Email: sami.ullah@sie.com.pk

Cell No: +92 320 5400505 Phone: +92 42 35297291-3

SECONDARY CONTACT

Muhammad Zia Assistant IT BOM-SIE

Gate # 2, Sundar Industrial Estate, Sundar Road, Lahore

Email: mohd.zia@sie.com.pk Cell No: +92 320 5400602 Phone: +92 42 35297291-3

Interested Parties should note that during the period from the receipt of the proposal and till further notice from the Primary Contact, all queries should be communicated via the Primary Contact in writing or email only. In the case of an urgent situation where the Primary Contact cannot be contacted, the Interested Parties may alternatively direct their enquiries through the Secondary Contact.

Interested Parties are also required to state in their documents, the name, title, fax number and email address of their authorized representative through whom all communications shall be directed until the process has been completed or terminated.

BOM-SIE will not be responsible for any costs or expenses incurred by Interested Parties in connection with the preparation or delivery of proposals.

9. Annexures

Annexures are provided for guidance purpose and indicate information required in response to this Pre-Qualification document, applicant response must cover but not limited to provide additional supporting documents.

Annexure-1: Checklist for Documents to be Attached

Annexure-2: Details of Contracts of Similar Nature and Complexity

Annexure-3: Candidate Profile

Annexure-4: Equipment Capabilities

9.1 Annexure-1:

Checklist of Documents to be Attached

Sr. No.	List of documents to be attached	Attached
1.	Certificate of Company / Firm Registration / Incorporation under the laws of Pakistan.	
2.	Valid Income Tax Registration.	
3.	Valid General Sales Tax Registration.	
4.	Valid Registration with Punjab Revenue Authority.	
5.	Valid Registration in respective categories with PEC (Pakistan Engineering Council).	
6.	Valid Registration / License in respective categories with PTA (Pakistan Telecommunication Authority).	
7.	Undertaking on legal valid and attested Stamp Paper that the firm is not blacklisted by any provincial or federal government department, agency, organization or autonomous body anywhere in Pakistan.	
8.	Evidence of successfully completed projects related to network infrastructure and surveillance solutions of similar nature and complexity.	
9.	Evidence of successfully completed BOT projects for implementation of network infrastructure and surveillance solutions of similar nature and complexity.	
10.	Project Completion Certificates of projects related to network infrastructure and surveillance solutions of similar nature and complexity (Start date, expected completion and actual completion date to be mentioned).	
11.	Proof of projects with government organization and agencies.	
12.	Satisfactory Reports from Employers.	
13.	EOBI Reports / Statements, applicant must have regular employees registered with EOBI and their regular monthly contributions must be paid to EOBI.	
14.	List of personnel essential for project execution including technical, skilled, managerial and others as applicable (list should specify Name, Title / Position, Qualification & Certifications).	
15.	Profiles of Skilled Staff with qualification, certifications, experience, along with copies of degrees / diplomas / certificates.	
16.	List of major essential equipment and machinery to be used in the project for installation, testing etc., with quantity, nature, make model, and source information (i.e. owned, leased, or rented).	
17.	Proof of available credit line approved by concerning bank.	
18.	Audited Financial Statements (all members of a JV must provide their Audited Financial Statements).	
19.	Proposed solution covering methodology, approach, work plan and innovation elements.	

9.2 Annexure-2:

Details of Contracts of Similar Nature and Complexity

Name	Name of Applicant or partner of a joint venture:					
Use a separate sheet for each contract.						
1.	Number of contract:					
	Name of contract:					
	Country:					
2.	Name of Employer:					
3.	Employer address:					
4.	Nature of works and special features releva to bid:	nt to the contract for which the Applicant wishes				
5.	Contract role (check one): Sole contractorManagement Contractor	orSubcontractorPartner in a joint venture				
6.	or at date of award for current contracts,					
	* Total Contract Amount: (Rs. Million)					
* Sub-Contract Amount (if the role was sub contractor): (Rs. Million						
	* Responsible Contract Amount (if the role was partner in a joint venture):					
7.	Rs. Million	recentage of share) /0				
8.	Date of award:					
	Date of completion:					
9.						
	Expected date of Completion:	Actual date of completion:				
1.0	(Please attach related evidence)					
10.	Contract / subcontract duration (years and	months):				
	year	months				
11.	Nature of contract (Build-Own-Operate-Traspecify: (Please attach related evidence)	nsfer / Build-Operate-Transfer / Other) please				
12.	Specified requirements ¹					

¹ The Applicant should insert any specific contractual criteria required for particular operations, such as annual volume of earthmoving, underground excavation, or placing concrete.

9.3 Annexure-3:

Candidate Profile

Name of A	ррпс	anit Or j	partner of a Joint Vent	ure:				
Position:				Candidate:				
					Prime		Alternate	
Candidate information		1. Name of candidate: 2. Date of birt			irth:			
		3.a. Professional qualifications (please attach copies of degrees / certificates):						
		3.b. Professional certifications (please attach copies of degrees / certificates):						
Present employment		4. Name of Employer:						
		Address of Employer:						
		Telephone:			Contact (manager / personnel officer):			
		Fax:			Telex:			
]	Job titl	e of candidate:		Years with	pres	sent Employer:	
			al experience over the nd managerial experie				nological order. Indicate	
From	То	Company / Project / Position / Relevant technical and management experie			nce			

9.4 Annexure-4:

Name of Applicant or partner of a joint venture:

Equipment Capabilities

	shall provide adequate information to demo rements for each and all items of equipment	
Item of equipm	nent:	
Equipment information	1. Name of manufacturer:	2. Model and power rating:
	3. Capacity:	4. Year of manufacture:
Current status		
	6. Details of current commitments:	
Source	7. Indicate source of the equipment: Owned Rented Leased	Specially manufactured