

ODISHA POWER TRANSMISSION CORPORATION LIMITED

BID DOCUMENT No.: Sr. G.M-CPC- Tender-AMI(ADVANCE METERING INFRASTRUCTURE)-42 / 2012-13

NOTICE INVITING TENDER-NIT NO. 41 /2012-13

(Equipment/Materials Supply Price Break-up of Ex-works Prices FOR AMI(ADVANCE METERING INFRASTRUCTURE) UNDER NIT NO 41/2012-13)

BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION									
SI. No.	SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit Ex-works price (IN INR)	Total Ex-works price (IN INR) (4 x 5)	Mode of Transaction (Direct or Bought-out item)	Total Taxes & Duties (IN INR) applicable for transaction between bidder and OPTCL and not included in the price at Column(6) [For bought-out items, taxes & duties excluding Entry Tax are invariably included in the price quoted at column(6)]		
							Excise duty	Sales Tax/VAT	Other levies (if Any)
1	2	3	4	5	6	7	8	9	10
A	For Substations with meter located at Control Room (Approx 100 Locations)								
1	Hardware Components								
1.1	RS 232-485 Data converter Unit	Nos	1100						
1.2	Optical Cable	Nos	1100						
1.3	Data Concentrator Unit (GPRS Based)	Nos	100						
1.4	External Antenna	Nos	100						
1.5	Cables & Connectors for all the Substations	LS	1						
1.6	Power Supply Unit	Nos	100						
2	Software Components								

BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION									
SI. No.	SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit Ex-works price (IN INR)	Total Ex-works price (IN INR) (4 x 5)	Mode of Transaction (Direct or Bought-out item)	Total Taxes & Duties (IN INR) applicable for transaction between bidder and OPTCL and not included in the price at Column(6) [For bought-out items, taxes & duties excluding Entry Tax are invariably included in the price quoted at column(6)]		
							Excise duty	Sales Tax/VAT	Other levies (if Any)
1	2	3	4	5	6	7	8	9	10
2.1	Software for Visualization at Sub-Station level	Nos	100						
B	For Central Data Centre Located at OPTCL Office								
3	Hardware Components								
3.1	Data Acquisition Application Server with Hot Standby	Nos	2						
3.2	DB Server for Meter Data with Hot Standby	Nos	2						
3.3	Development/Engg and Visualisation Client Station	Nos	3						
3.4	Secure VPN gateway Server	Nos	2						
3.5	Router with Firewall	Nos	1						
3.6	Ethernet Switch	Nos	1						
3.7	Rack with KVM Switch, Keyboard and monitor	Nos	1						
3.8	LAN Cabling	LS	1						
3.9	Operator PC	Nos	2						

BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit Ex-works price (IN INR)	Total Ex-works price (IN INR) (4 x 5)	Mode of Transaction (Direct or Bought-out item)	Total Taxes & Duties (IN INR) applicable for transaction between bidder and OPTCL and not included in the price at Column(6) [For bought-out items, taxes & duties excluding Entry Tax are invariably included in the price quoted at column(6)]		
							Excise duty	Sales Tax/VAT	Other levies (if Any)
1	2	3	4	5	6	7	8	9	10
3.10	Data Storage with Dual Controllers and 1 TB storage capacity, Backup Server, Automatic Tape loader with Associated Software	Nos	1						
3.11	10KVA Online UPS with 1 Hr Backup along with ACDB	Nos	1						
C	Software Components Common for Total Scheme								
4	Meter Data Acquisition Software with 5 concurrent user web licenses along with Development Engg Software	Nos	1						
5	RDBMS - Oracle 11g/SQL Server Enterprise Edition	Nos	1						
6	Office Productivity Suite	Nos	3						
7	OS for Data Acquisition Server	Nos	2						
8	OS for Engineering work station & User PC	Nos	3						

BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION									
SI. No.	SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit Ex-works price (IN INR)	Total Ex-works price (IN INR) (4 x 5)	Mode of Transaction (Direct or Bought-out item)	Total Taxes & Duties (IN INR) applicable for transaction between bidder and OPTCL and not included in the price at Column(6) [For bought-out items, taxes & duties excluding Entry Tax are invariably included in the price quoted at column(6)]		
							Excise duty	Sales Tax/VAT	Other levies (if Any)
1	2	3	4	5	6	7	8	9	10
9	OS for Database Server	Nos	2						
10	OS Secure VPN Gateway Server	Nos	2						
11	Anti Virus for all server and PC's	Lot	1						
	TOTAL (Part-I):2A (AMI SUPPLY)								
(IN WORDS)									

Note:

- 1 Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-I of Bidding Document.
- 2 Bidders are required to fill up amount in all column except shaded portion.
- 3 Bidders are requested not to leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for that item shall be calculated as free of cost (Zero value). No rate shall be furnished/obtained after bid opening (Ref clause no 33.4.1 of INB vol-I)
- 4 Kindly enclose soft copy of the duly filled schedule in a CD with the priced copy of Bid.
- 5 In mode of transaction column please indicate Direct/Bought-Out. For Taxes & Duties on Direct/Bought-out items ref clause 6.0 of SCC (Vol-IA)

Date :

(Signature)

Place :

(Name)

(Designation)

BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit Ex-works price (IN INR)	Total Ex-works price (IN INR) (4 x 5)	Mode of Transaction (Direct or Bought-out item)	Total Taxes & Duties (IN INR) applicable for transaction between bidder and OPTCL and not included in the price at Column(6) [For bought-out items, taxes & duties excluding Entry Tax are invariably included in the price quoted at column(6)]		
							Excise duty	Sales Tax/VAT	Other levies (if Any)
1	2	3	4	5	6	7	8	9	10

(Common Seal)

ODISHA POWER TRANSMISSION CORPORATION LIMITED

BID DOCUMENT No.: Sr. G.M-CPC- Tender-AMI(ADVANCE METERING INFRASTRUCTURE)- 42/ 2012-13

NOTICE INVITING TENDER-NIT NO.41 /2012-13

(Equipment/Materials Supply Price Break-up of Ex-works Prices FOR AMI(ADVANCE METERING INFRASTRUCTURE)

UNDER NIT NO 41/2012-13)

SCHEDULE-2B- F&I -BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	F&I FOR SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit freight & insurance charges (IN INR)	Total freight & insurance charges (IN INR) (4 x 5)
<i>1</i>	<i>2</i>	<i>3</i>	<i>4</i>	<i>5</i>	<i>6</i>
A	For Substations with meter located at Control Room (Approx 100 Locations)				
1	Hardware Components				
1.1	RS 232-485 Data converter Unit	Nos	1100		
1.2	Optical Cable	Nos	1100		
1.3	Data Concentrator Unit (GPRS Based)	Nos	100		
1.4	External Antenna	Nos	100		
1.5	Cables & Connectors for all the Substations	LS	1		
1.6	Power Supply Unit	Nos	100		
2	Software Components				

SCHEDULE-2B- F&I -BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	F&I FOR SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit freight & insurance charges (IN INR)	Total freight & insurance charges (IN INR) (4 x 5)
1	2	3	4	5	6
2.1	Software for Visualization at Sub-Station level	Nos	100		
B	For Central Data Centre Located at OPTCL Office				
3	Hardware Components				
3.1	Data Acquisition Application Server with Hot Standby	Nos	2		
3.2	DB Server for Meter Data with Hot Standby	Nos	2		
3.3	Development/Engg and Visualisation Client Station	Nos	3		
3.4	Secure VPN gateway Server	Nos	2		
3.5	Router with Firewall	Nos	1		
3.6	Ethernet Switch	Nos	1		
3.7	Rack with KVM Switch, Keyboard and monitor	Nos	1		
3.8	LAN Cabling	LS	1		
3.9	Operator PC	Nos	2		

SCHEDULE-2B- F&I -BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	F&I FOR SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit freight & insurance charges (IN INR)	Total freight & insurance charges (IN INR) (4 x 5)
1	2	3	4	5	6
3.10	Data Storage with Dual Controllers and 1 TB storage capacity, Backup Server, Automatic Tape loader with Associated Software	Nos	1		
3.11	10KVA Online UPS with 1 Hr Backup along with ACDB	Nos	1		
C	Software Components Common for Total Scheme				
4	Meter Data Acquisition Software with 5 concurrent user web licenses along with Development Engg Software	Nos	1		
5	RDBMS - Oracle 11g/SQL Server Enterprise Edition	Nos	1		
6	Office Productivity Suite	Nos	3		
7	OS for Data Acquisition Server	Nos	2		
8	OS for Engineering work station & User PC	Nos	3		

SCHEDULE-2B- F&I -BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: SUPPLY PORTION

SI. No.	F&I FOR SUPPLY OF FOLLOWING EQUIPMENT & MATERIALS (As per Technical Specification)	Unit	Quantity	Unit freight & insurance charges (IN INR)	Total freight & insurance charges (IN INR) (4 x 5)
1	2	3	4	5	6
9	OS for Database Server	Nos	2		
10	OS Secure VPN Gateway Server	Nos	2		
11	Anti Virus for all server and PC's	Lot	1		
TOTAL (Part-I):2B (AMI F&I)					

(IN WORDS)

Note:

Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-I of

1 Bidding Document.

2 Bidders are required to fill up amount in all column except shaded portion.

3 Bidders are requested not to leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for that item shall be calculated as free of cost (Zero value).

No rate shall be furnished/obtained after bid opening (Ref clause no 33.4.1 of INB vol-I) .

4 Kindly enclose soft copy of the duly filled schedule in a CD with the priced copy of Bid.

5 Bidder should be quoted including service tax, no service tax shall be paid/reimbursed.

Date :

(Signature)

Place :

(Name)

(Designation)

(Common Seal)

ODISHA POWER TRANSMISSION CORPORATION LIMITED

BID DOCUMENT NO.: SR. G.M-CPC- TENDER-AMI(ADVANCE METERING INFRASTRUCTURE)- 42 / 2012-13

NOTICE INVITING TENDER-NIT NO. 41 /2012-13

(ERECTION OF EQUIPMENT/MATERIALS PRICE BREAK-UP FOR FOR AMI(ADVANCE METERING INFRASTRUCTURE) UNDER NIT NO 41/2012-13)

SCHEDULE-2C-ERECTION-BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL:ERECTION,TESTING & COMMISSIONING OF THE EQUIPMENTS SUPPLIED AS PER THE SUPPLY CONTRACT ALONG WITH OTHER WORKS (AS PER TECHNICAL SPECIFICATION)

SL.NO.	ERECTION,TESTING & COMMISSIONING OF AMI SYSTEM (AS PER TECHNICAL SPECIFICATION)	UNIT	QAUNTITY	RATE IN RS	AMOUNT IN RS
1	INSTALLATION, TESTING & COMMISSIONING COST FOR WORKS OF IMPLEMENTATION OF AUTOMATIC METER READING (AMR) FOR SEM IN OPTCL AS PER TECHNICAL SPECIFICATION COMPLETE IN ALL RESPECT.	PER SEM	1,100		
2	INSTALLATION, TESTING & COMMISSIONING/CUSTOMIZATION OF ALL THE RELATED SERVERS ALONG WITH ALL REQUIRED SOFTWARE AT OPTCL AS PER TECHNICAL SPECIFICATION IN ALL RESPECT INCLUDING INTEGRATION WITH SEMS.	LOT	1		
TOTAL SCHEDULE- 2C (ERECTION ,TESTING & COMMISSIONING)					

NOTE:

- 1 BEFORE FILLING UP RATE/AMOUNT ETC. IN THE SCHEDULES BIDDERS ARE REQUESTED TO READ CAREFULLY THE INSTRUCTION GIVEN IN VOL-I OF BIDDING DOCUMENT.
- 2 BIDDERS ARE REQUIRED TO FILL UP AMOUNT IN ALL COLUMN EXCEPT SHADED PORTION.
- 3 BIDDERS ARE REQUESTED NOT TO LEAVE ANY COLUMN BLANK. IF ANY COLUMN IS LEFT BLANK IT SHALL BE CONSIDERED THAT AMOUNT AGAINST THOSE ITEMS ARE INCLUDED IN ANY OTHER ITEM AND THE TOTAL AMOUNT FOR THAT ITEM SHALL BE CALCULATED AS FREE OF COST (ZERO VALUE). NO RATE SHALL BE FURNISHED/OBTAINED AFTER BID OPENING (REF CLAUSE NO 33.4.1 OF INB VOL-I) .
- 4 KINDLY ENCLOSE SOFT COPY OF THE DULY FILLED SCHEDULE IN A CD WITH THE PRICED COPY OF BID.
- 5 BIDDER HAS TO QUOTE RATES EXCLUDING SERVICE TAX (IF ANY), SERVICE TAX SHALL BE PAID/REIMBURSED AS PER CONDITIONS OF BID DOCUMENT.

DATE :

(SIGNATURE)

PLACE :

(NAME)

(DESIGNATION)

(COMMON SEAL)

ODISHA POWER TRANSMISSION CORPORATION LIMITED

BID DOCUMENT No.: Sr. G.M-CPC- Tender-AMI(ADVANCE METERING INFRASTRUCTURE)-42 / 2012-13

NOTICE INVITING TENDER-NIT NO. 41 /2012-13

(ANNUAL MAINTENANCE Price Break-up for FOR AMI(ADVANCE METERING INFRASTRUCTURE) UNDER NIT NO 41 /2012-13)

SCHEDULE-2D-AMC-BIDDING PROPOSAL SHEET FOR ADVANCE METERING INFRASTRUCTURE SYSTEM IN OPTCL: AMC PORTION CONTRACT

SI.No.	Item Description	Unit	Rate in INR Rs	Amount in INR Rs
1	Comprehensive AMC for all hardware/software/equipments installed under this project for 1 st Year after Warranty	LS		
2	Comprehensive AMC for all hardware/software/equipments installed under this project for 2 nd Year after Warranty	LS		
3	Comprehensive AMC for all hardware/software/equipments installed under this project for 3 rd Year after Warranty	LS		
4	Comprehensive AMC for all hardware/software/equipments installed under this project for 4 th Year after Warranty	LS		
	TOTAL SCHEDULE-2D (AMC)			

Note:

- 1 Before filling up rate/amount etc. in the schedules bidders are requested to read carefully the instruction given in Vol-I of Bidding Document.
- 2 Bidders are required to fill up amount in all column except shaded portion.
- 3 Bidders are requested not to leave any column blank. If any column is left blank it shall be considered that amount against those items are included in any other item and the total amount for that item shall be calculated as free of cost (Zero value). No rate shall be furnished/obtained after bid opening (Ref clause no 33.4.1 of INB vol-I) .
- 4 Kindly enclose soft copy of the duly filled schedule in a CD with the priced copy of Bid.
- 5 Bidder has to quote rates excluding service tax (if any), service tax shall be paid/reimbursed as per conditions of Bid Document.
- 6 The AMC Charges shall also include Annual Technical Support charges for all the Software components including the System Software and the RDBMS for the entire contractual period.

Date :

(Signature)

Place :

(Name)

(Designation)

(Common Seal)