

## North Eastern Coalfields.

**SUB.:- Minutes of Pre-Bid Meeting held on 23/02/09, 10 AM at o/o CGM,NEC,CIL.**

**Ref.:- Our Global Tender No. NEC/08-09/17,DT. 15/1/09 for Underground Telemonitoring System for Tipong Colliery.**

### **List Of Participants:-**

#### **NEC:**

1. Sri.A.K.Bharali, Agent, Tipong Colliery,NEC.
2. Sri. T.Anthony Raj, DY.C.F.M,NEC.
3. Sri. P.N.Rajan, SE(E&T),NEC.
4. Sri.S.K.Sundaram ,Materials Manager, NEC.

#### **Prospective Bidders**

- 1.Sri. S.Mitra, M/S Vishwa Microprocessors Pvt. Ltd, Kolkata
- 2.Sri. M. Chakraborti, M/S Vishwa Microprocessors Pvt. Ltd, Kolkata
- 3.Sri. D.Singh, M/S Jagadamba Tyre Retreaders, Dhanbad.

**CORRECTION/AMENDMENT/MODIFICATIONS SUGGESTED TO BE  
INCOPORATED IN NIT OF UNDERGROUND TELEMONITORING SYSTEM  
OF TIPONG COLLIERY AS PER MINUTES OF PRE-BID MEETING  
DTD 23/02/09 .**

Sl.	Ref/ Page	Printed as	To be read as
1	Addition	EMD Exemption for NSIC	Tenderers registered with NSIC/ DGS&D for the tendered item will be exempted from depositing Earnest Money Deposit.
2	3 & at various places where the clause is repeated in NIT	5. Time of completion : 9 months (to be reckoned from the date of handing-over of the site by the Project authority).	5. Time of completion : 9 months (to be reckoned from the date of handing-over of the site by the Project authority or from the date of acceptance of System Engineering Report whichever is later).
3	5 & at other places in NIT where the clause is repeated	Clause 11) Financial soundness : Annual Turnover during last 3 years ending 31/3/08 should be <b><u>30% of estimated cost of equipment</u></b>  a) Working Capital :- atleast 20% of value of equipment cost only	Clause 11) Financial soundness : Annual Turnover during last 3 years ending 31/3/08 should be " <b>atleast 30% contract value</b> "  a) Working Capital :- <b>atleast 20% of contract value</b>
4	25 & at various places where the clause is repeated in NIT	Additional Bank Guarantee for 90% of material value	Clarification is awaited from CIL, Kolkata. If clarification is not received by 16/4/09 , the existing clause indicated in NIT will be applicable.
5	Page 89	The rise in Hazard levels (for alert stage and alarm stage) shall be indicated by a local Audio and Video alarms both in underground as well as at the surface monitoring system.	The rise in Hazard levels (for alert stage and alarm stage) shall be indicated by a local Audio and Video alarms both in underground as well as at the surface monitoring system.  An additional audio warning (common to all sensors for alert stage and alarm stage) of at least 5 Watt output (manually variable from Central Station) shall be available. This audio warning device shall be placed on surface at a distance up to 100 mtrs from Central Station.

6	95	3.4 The payment on annual maintenance charges for nine years shall be made quarterly/half yearly after the satisfactory completion of job. Advance will not be paid.	3.4 The payment on annual maintenance charges for nine years shall be made monthly/ quarterly/ half yearly after the satisfactory completion of job. Advance will not be paid.
7	95	3.5 PENALTY CLAUSE:	3.5 PENALTY CLAUSE: Clause is deleted.
8	96	<p>3.1 The System should be capable to monitor online various environmental parameters like Methane (CH<sub>4</sub>), Carbon Monoxide (CO), Oxygen (O<sub>2</sub>), Temperature &amp; Air Velocity (AV) in Underground Mine. The system should continuously monitor the parameters remotely and in the safe area on real time basis.</p> <p>The rise in Hazards will be indicated by local audio and visual alarm units in underground as well as at surface. The system having two-way communication, instructions can be sent to the data station for any immediate control action required in the underground in case of emergency.</p>	<p>3.1 The System should be capable to monitor online various environmental parameters like Methane (CH<sub>4</sub>), Carbon Monoxide (CO), Oxygen (O<sub>2</sub>), Temperature &amp; Air Velocity (AV) in Underground Mine. The system should continuously monitor the parameters remotely and in the safe area on real time basis.</p> <p>The rise in Hazards will be indicated by local audio and visual alarm units in underground as well as at surface.</p> <p>Digital Display shall be provided with each Sensor at Sensor Locations. Audio and Visual Warning shall be provided at each Sensor locations.</p> <p>An additional audio warning (common to all sensors for alert stage and alarm stage) of at least 5 Watt output (manually variable from Central Station) shall be available. This audio warning device shall be placed on surface at a distance up to 100 mtrs from Central Station.</p>

9	98	5.2.4 The Underground Remote Station (URS) shall be remote input unit having capability to interface with at least 08 (Eight) nos. sensors/ monitors / detectors inputs and ultimately shall be linked with surface Central Station for signal/ data transmission.	5.2.4 The Underground Remote Station (URS) shall be remote input unit having capability to interface with at least 05 (Five) nos. sensors/ monitors / detectors inputs and ultimately shall be linked with surface Central Station for signal/ data transmission.
10	101	<p><b>II. Software:</b></p> <p>a) Pre-loaded Windows Vista Business or latest, recovery CD, license, latest service pack in CD Media and documentation.</p> <p>The supplied software should be activated, registered and updated by the supplier. All service packs, patches, updates, bug fixes related to the operating system should be supplied without any additional cost by the supplier.</p>	<p><b>II. Software:</b></p> <p>a) Pre-loaded Windows XP Professional or latest, recovery CD, license, latest service pack in CD Media and documentation.</p> <p>The supplied software should be activated, registered and updated by the supplier. All service packs, patches, updates, bug fixes related to the operating system should be supplied without any additional cost by the supplier.</p>
11	155	40.0 PENALTY CLAUSE:	40.0 PENALTY CLAUSE: Clause is deleted.
12	158	1.7.2.Any part/ component etc. found to be defective, shall be replaced at supplier's cost without delay. <b>The supplier must ensure that down time of the system does not exceed 10%.</b>	1.7.2.Any part/ component etc. found to be defective, shall be replaced at supplier's cost without delay. <b>The supplier must ensure that down time of the system does not exceed 5%.</b>  Penalty shall be applicable on deemed service charges of 1st year of AMC.
13	161	1.10.9.The tenderer has to submit Bank Guarantee of the amount equal to the charge of AMC for one year as Security Deposit/Performance Guarantee of AMC for the whole period of AMC. Bank Guarantee shall be irrevocable and it shall be from any Nationalised/ Scheduled Bank listed with RBI. The Bank Guarantee will be returned to the Contractor without any interest at the end of AMC period.	Omitted.

14	Page 164	1.15.3. <b>Valid DGMS</b> Approval shall be submitted along with techno-commercial bid. If the validity expires before commencement of supply of equipments, the bidder has to give an undertaking that the Valid DGMS approval of the complete system will be submitted before supply of the equipment. In case of failure to submit the final valid DGMS approval of the complete system before supply of the equipment, the supply order will stand cancelled and the EMD will be forfeited without any further reference to the tenderer.	1.15.3. <b>Valid DGMS</b> Approval shall be submitted along with techno-commercial bid. If the validity expires before commencement of supply of equipments, the bidder has to give an undertaking that the Valid DGMS approval of the complete system will be submitted at the time of supply of the equipment. In case of failure to submit the valid DGMS approval of the complete system at the time of supply of the equipment, the supply order will stand cancelled and the EMD will be forfeited without any further reference to the tenderer.
15	169	B.2. Erection, installation, testing and Commissioning including warranty maintenance.	B.2. Erection, installation, testing and Commissioning including warranty maintenance for 24 months from the date of installation.
16	169 & at various places where the clause is repeated in NIT	D. Year wise Comprehensive AMC Charges including spares & Sensors for 9 Years after warranty maintenance.	D. Year wise Comprehensive AMC Charges including spares & Sensors excluding cables for 8 (Eight) Years after warranty maintenance.

