



**GLOBAL TENDER**

No. AGL-500467-16-17

Date: 27 February 2017

To  
M/s

**Sub:** NIT No. AGL-500467-16-17 for Supply and Installation of Spectroradiometer System (Hyperspectral Imaging Spectroradiometer/ Hyperspectral Cameras)  
**(Due date 31.03.2017)**

Sir(s),

Indian Institute of Technology (Indian School of Mines), Dhanbad invites tenders/quotations for Supply and Installation of Spectroradiometer System (Hyperspectral Imaging Spectroradiometer / Hyperspectral Cameras) - 01 No in our AGL Department. **Particulars of tender cost, earnest money deposit and date and time of submission and opening of tenders are as under:**

S No	Items	Particulars
1.	Tender cost	Rs.5,000.00 (Rupees five thousand only)
2.	Earnest money deposit	Rs.2,40,000.00 (Rupees two lakhs forty thousand only)
3.	Last date for seeking clarification(s), if any	<b>24.03.2017 at 3:00 P.M.</b>
4.	Date and time for submission of tenders	<b>31.03.2017 at 3:00 P.M.</b>
5.	Date and time of opening of tenders	<b>31.03.2017 at 4.00 P.M.</b>

Tender document containing following document is available in our website [www.ismdhanbad.ac.in/tender\\_page](http://www.ismdhanbad.ac.in/tender_page)), which may kindly be referred.

1. Technical specifications as per Annexure-I
2. General terms & condition as per Annexure-II
3. Acceptance of terms & conditions as per Annexure-III
4. Particular of Bank Guarantee as per Annexure –IV
5. Compliance Statement as per Annexure -V

**Those firms who do not want to quote may please intimate us along with reasons for same as it will help us to update our suppliers list.**

Encl: As above

Asst Registrar (P&S)  
P: 0326-2235612  
F: 0326-2296633  
E: [drps@ismdhanbad.ac.in](mailto:drps@ismdhanbad.ac.in)

1926 से राष्ट्र की सेवा में In service of the Nation since 1926

Phone:(0326) 2296-559 to562 (4 Lines); \* Fax : (0326) 2296563 \* Website : [www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in)

**Keep your Environment Clean & Green**

**Annexure - I**  
**Specifications for One "Spectroradiometer System**  
**(Hyperspectral Imaging Spectroradiometer / Hyperspectral Cameras)"**

1. **Specifications Sheet:** The minimum specifications and quantity for Spectroradiometer System (Hyperspectral Imaging Spectroradiometer/Hyperspectral Cameras) with other essential and accessories is given in the Table 1 and 3.
2. **Spectroradiometer:** The specifications for the complete Spectroradiometer System are listed in the Table 1 and/or Table 3 (given below). *A certificate is required from the original equipment manufacturer (OEM) that their equipment and accessories meet all minimum specifications as given in the Table 1 and/or 3.*
3. **Accessories:** All necessary accessories and softwares, required for the smooth operation of the Spectroradiometer system in the laboratory and field, should be delivered by the supplier along with the hyperspectral cameras. All accessories, including cables, batteries etc. should be Original Equipment Manufacturer (OEM) make/supplied directly by OEM and certified by OEM for smooth functioning. *List of all accessories to be supplied by the OEM is required.*
4. **Manual:** Printed and soft copy (CD/DVD) of all the specification sheets, product brochures and manuals related to Spectroradiometer System should be supplied.
5. **Warranty:** Total cost of supply must include 3 (three) year onsite warranty including technical support for all equipment and accessories (with 5 business day support). The cost of repair/replacement/shipping, if any, should be borne by the supplier during the warranty period. *A three year warranty certificate including technical support is required from the original equipment manufacturer (OEM).*  

In case the local representative of the OEM/Principal Company changes or withdraws, a letter of assurance by the OEM/Principal Company is required stating that they will directly cover the warranty and service the equipment as and when required as per the terms and conditions mentioned in this document.
6. **Additional Warranty (Optional):** The cost of 'annual maintenance contract (AMC)' and "comprehensive maintenance contract (CMC)" should be provided **separately** for extension of warranty for additional 2 years (which is beyond the normal warranty period).
7. **Installation and Demonstration/Training (free of cost):** Onsite installation, testing and demonstration/training of the equipment, accessories and associated data processing softwares, by professional person(s), for atleast 2 days at IIT(ISM), Dhanbad. All the cost related to installation, testing and demonstration/training (for instance cost of travel, accommodation, per diem etc.) to be borne by the OEM/supplier.
8. **Supply:** Price should be quoted on FOR, Dhanbad basis in case of Indigenous supply and CIF Kolkata in case of foreign supply.
9. **Total Cost:** Total cost of the "Spectroradiometer System" should be quoted in INR in case of Indigenous supply and in Foreign Currency in case of Foreign Supply (Imported Equipment from OEM).
10. **Academic/Educational Discount:** Academic/Educational Discount and any other discount, if offered, should be clearly mentioned.
11. **Optional (Items/Accessories and Additional Features):** The cost of any additional accessories and features which are optional in nature may be listed separately. Please see Table 2.
12. **Important Note:** The Quote should cover all the minimum specifications (as given in the specification sheets including Table 1) necessarily. Any additional feature provided along with the Spectroradiometer System and included in the total cost (other than the items listed

separately as optional) of the equipment will not add any further preference for considering the quote favorably. However if the quote is considered, as per IIT(ISM) Dhanbad purchase rules, the vendor has to retain all the features (including additional features listed as a part of the total cost of the equipment) intact as per the original quotation. **Thus, the cost of any additional accessories and features, which are optional in nature, may be listed separately.**

**Table 1.** Minimum specifications and quantity for Spectroradiometer System (Hyperspectral Imaging Spectroradiometer/Hyperspectral Cameras with other essential accessories)

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications	Minimum Quantity
1	<b>Hyperspectral Camera 1*</b>		1
	a) Spectral Range	Atleast 400-1000 nm (VNIR)	
	b) Spectral resolution	less than 3.5nm	
	c) No. of spectral channels	Minimum 172	
	d) Spatial resolution (pixels)	atleast 1400	
	e) Bit Depth	minimum 14 Bit	
	f) Smiley effect	Less than 1 pixel	
	g) Keystone effect	Less than 1 pixel	
	h) Frame rate	150 fps	
	i) Weight	Less than 15 Kg	
	j) Connection Type (ports)	USB/Gigabit Ethernet/Firewire/CameraLink/Any other proprietary port	
	k) Calibration	<i>Hardware specification and calibration certificates (for points 1a to 1i) should be supplied. The documentation on hardware specifications, calibration procedure and results obtained should be provided by OEM.</i>	
	l) Thermal Stabilization	Thermally stabilized sensor.	
m) Power Consumption	100 watt or lower.		
2	<b>Hyperspectral Camera 2*</b>		1
	a) Spectral Range	Atleast 1000-2500 nm (SWIR)	
	b) Spectral resolution	less than 5.5 nm	
	c) No. of spectral channels	272	
	d) Spatial resolution (pixels)	atleast 360	
	e) Bit Depth	minimum 14 Bit	
	f) Smiley effect (Aberration-corrected)	Less than 1 pixel	
	g) Keystone effect (Aberration-corrected)	Less than 1 pixel	
	h) Frame rate	300 fps	
	i) Weight	Less than 15 Kg	
	j) Connection Type (ports)	USB/Gigabit Ethernet/Firewire/CameraLink/Any other proprietary port	
k) Calibration	<i>Hardware specification and calibration certificates (for points 2a to 2i) should be supplied. The documentation on hardware specifications, calibration procedure, and results obtained should be provided by OEM.</i>		
l) Thermal Stabilization	Thermally stabilized and cooled sensor for optimum		

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications	Minimum Quantity
		performance in field and laboratory conditions.	
	<b>m) Power Consumption</b>	100 watt or lower.	
<b>3</b>	<b>Laboratory Mount</b>	Adjustable camera platform with mounting arrangement for both hyperspectral camera.**	<b>1</b>
	<b>a) Mount Height</b>	Atleast 1m height laboratory mount for both hyperspectral cameras. **	
	<b>b) Illumination/Lamp Unit</b>	Minimum spectral range (400-2500 nm). The lamp arrangement should ensure no shadow effect on the acquired data during scanning/operation in the laboratory.	
	<b>c) Translation Stage</b>	Atleast 1 m linear translation stage.	
	<b>d) Software support</b>	Software support for automatic translation during scanning/data capture.	
	<b>e) Lenses/Closeup lens assembly in laboratory mount</b>	30 cm for VNIR and 30 cm for SWIR.	
<b>4</b>	<b>Field Mount</b>	Tripod/Quadpod mount for both hyperspectral cameras.**	<b>1</b>
	<b>a) Tripod/Quadpod</b>	Atleast 1 m height tripod with proper mounts for both hyperspectral cameras. **	
	<b>b) Translation and Rotation</b>	Support for translation and rotation of camera mounted on tripod/quadpod.	
	<b>c) Software support</b>	Software support for automatic translation and/or rotation during scanning/data capture.	
<b>5</b>	<b>Data Acquisition Software</b>	Necessary software for data acquisition and interface with the equipment. Perpetual license. Software tools to support acquisition, conversion of spectral data into irradiance/radiance/reflectance and storage in the standard file formats.	<b>1</b>
<b>6</b>	<b>Data Acquisition Unit/Computer</b>	Hardware/Desktop/Workstation/Laptop required for the operation (data collection and storage) of the equipment in the field and laboratory	<b>1</b>
<b>7</b>	<b>Camera and Scanner Control</b>	Camera and Scanner Control from Data Acquisition Unit/Computer	<b>1</b>
<b>8</b>	<b>Radiometric Calibration Kit/Reflectance Target</b>	Atleast one unit of minimum 10 by 10 cm. (reflectance target with 99% reflectance)	<b>1</b>
<b>9.</b>	<b>Essential power supply, batteries, cables and operating manuals</b>	At least minimum number of units (batteries, cables etc) required for the smooth operation of hyperspectral camera(s) in the field and laboratory should be part of the standard supply.	--
<b>8</b>	<b>Hard boxes/containers</b>	Adequate number of containers should be provided to house the equipment and accessories during transportation and storage.	--
<b>9</b>	<b>Operational Environment</b>	Adequate inbuilt protection of equipment against water, sand and dust	--
	<b>a) Operational</b>	0°C to +40°C or wider range	

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications	Minimum Quantity
	<b>Temperature</b>		
	<b>b) Storage Temperature</b>	0°C to +40°C or wider range	
	<b>c) Humidity</b>	100%	
10	<b>Installation &amp; Testing</b>	Installation & Testing of the Equipment at site for acceptance. At least 2 day training/demonstration to be provided on operating the instrument at IIT(ISM) free of cost.	

\* Alternatively, OEM may supply only "one" number of 'hyperspectral imaging spectroradiometer system' that can cover the complete spectral range from 400-2500nm. In such a case, the equipment should meet other features in the given spectral ranges as listed in Table 1 for Hyperspectral Camera 1 (400-1000nm) and Hyperspectral Camera 2 (1000-2500nm) or meet requirements as listed in Table 3.

\*\* For one hyperspectral camera system that can cover the complete range (as specified above), Laboratory Mount and Field Mount may have inbuilt support for holding only one camera. Other specifications as listed in Table 1 for Laboratory Mount and Field Mount should be met.

**Table 2. Other additional accessories and features (Optional):** separate list may be provided in the quote for additional items and accessories which are optional in nature, if any.

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications	Minimum Quantity
A1.	Closeup lens assembly for laboratory mount.	1 m for VNIR	1
A2.	Closeup lens assembly for laboratory mount.	1 m for SWIR.	1
A3.	VNIR microscope lens (assembly/attachment(s))		1
A4.	SWIR microscope lens (assembly/attachment(s))		1
A5.	GPS hardware for aerial imaging		1
A6.	Software support for geo-referencing images acquired through aerial platform		1
A7.	Ai package (with/without drone)		1

**Table 3.** Minimum specifications for one Hyperspectral Imaging Spectroradiometer or Hyperspectral Camera that cover the complete spectral range 400-2500nm. For other items/part/modules/features , please see the specifications requirement as listed in Table 1.

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications
1	<b>Hyperspectral Camera 1*</b>	
	<b>n) Spectral Range</b>	Atleast 400-2500 nm (VNIR-SWIR)
	<b>o) Spectral resolution</b>	less than 5 nm
	<b>p) No. of spectral channels</b>	Minimum 172
	<b>q) Spatial resolution (pixels)</b>	atleast 1400
	<b>r) Bit Depth</b>	minimum 14 Bit
	<b>s) Smiley effect</b>	Less than 1 pixel

Sl. No.	Name of Part/Module/Feature	Minimum Qualifying Specifications
	t) <b>Keystone effect</b>	Less than 1 pixel
	u) <b>Frame rate</b>	150 fps
	v) <b>Weight</b>	Less than 15 Kg
	w) <b>Connection Type (ports)</b>	USB/Gigabit Ethernet/Firewire/CameraLink/Any other proprietary port
	x) <b>Calibration</b>	<i>Hardware specification and calibration certificates (for points 1a to 1i) should be supplied. The documentation on hardware specifications, calibration procedure and results obtained should be provided by OEM.</i>
	y) <b>Thermal Stabilization</b>	Thermally stabilized sensor.
	z) <b>Power Consumption</b>	100 watt or lower.

**Table 4. List of other Certificates/Items to be produced by the OEM/Supplier:**

Sl. No.	Description	Attached (Yes/No)
1.	<i>A certificate is required from original equipment manufacturer (OEM) that their equipment and accessories meet all minimum specifications as given in the Table 1.</i>	
2.	<i>List of all accessories to be supplied by the OEM is required.</i>	
3.	<i>A three year warranty certificate including technical support is required from original equipment manufacturer (OEM). In case the local representative of the OEM/Principal Company changes or withdraws, a letter of assurance by the OEM/Principal Company is required stating that they will directly cover the warranty and service the equipment as and when required as per the terms and conditions mentioned in this document.</i>	
4.	<i>Hardware specifications and calibration certificates for Hyperspectral Cameras should be supplied (as mentioned in the Table 1). The documentation on specifications, calibration procedure, and results obtained should be provided.</i>	
5.	Detailed Catalogue/Data Sheet of the quoted item(s).	
6.	Clientele List (with in India and other countries)	
7.	Performance Letter from the Clients (with in India and other countries).	





**GENERAL TERMS & CONDITIONS**

**NIT No. AGL-500467-16-17**

Sealed tenders under **two-bid system** are invited from manufacturers/ their authorized dealers/ agents for supply and installation in IIT (ISM) Dhanbad of items specified in *Annexure-I*.

1. Offer should be submitted under **TWO-BID** system in two separate sealed covers i.e. “**Techno-commercial bid**” and “**Price bid**”.
2. *a) In a tender, either the Indian agent on behalf of the principle/ OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.*  
*b) If an agent submit bid on behalf of the principle/ OEM, the same agent shall not submit a bid on behalf of another principle/ OEM in the same tender for the same item/product.*
3. **Techno-commercial Bid:** should contain the following documents/information:
  - a. **Tender Cost:** Cost of the tender document is to be paid by way of an A/C payee demand draft for an amount indicated in Page No 01 and drawn in favor of Registrar, ISM Dhanbad and payable at SBI, ISM campus branch or any other Bank/ Branch located in Dhanbad. Tender cost is non-refundable and non-transferable. Alternatively, intending tenderers may **download** the complete set of tender document from IIT (ISM) website ([www.ismdhanbad.ac.in](http://www.ismdhanbad.ac.in)) and submit the same duly signed on all pages by the tenderers along with demand draft for tender cost
  - b. **Earnest Money Deposit (EMD):** Should be submitted in form of A/C payee demand draft drawn in favor of Registrar, ISM and payable at SBI, IIT (ISM) campus branch or any other Bank/ Branch located in Dhanbad. It can also be submitted in the form of bank guarantee issued by a Nationalized Bank in India in the format given in Annexure-IV.
  - c. Tenders without payment of tender cost and EMD will not be considered, unless the tenderer is exempt from such payment under Govt. Rules/ Regulations as amended from time to time and claims such exemption along with relevant and valid supporting documents.
  - d. All relevant technical specifications/details of offered items, drawings, printed technical leaflets, and commercial details which are necessary to ensure that offer is complete in all respects should be attached with the technical bid documents.
  - e. A ‘*Compliance Statement*’ along with a certificate and duly signed that the tenderer satisfies the technical requirements given in *Annexure-I*. The said statement should be in a tabular form with the columns: *sl. no., (2) technical requirement as per NIT; (3) what is offered by the tenderer; and (4) status of compliance: Complied/Not complied*).
  - f. ISM does not bind itself to offer any explanation to those bidders whose Technical Bids have not been found acceptable by the Evaluation Committee of the Institute.
4. **Further the following documents have to be furnished by the tenderers:**
  - a) Self attested copies of credentials in support of capability to undertake the supply/work.
  - b) Technical literature/catalogue with the detail specification of the material
  - c) Satisfactory performance certificate from their customers for same/similar supply/service must be enclosed alongwith the technical bid.
  - d) Income tax PAN, Sales tax regn. Nos. (VAT/CST/TIN), & Bank A/c no., name of bank & branch.
5. **Price should be quoted on FOR, IIT(ISM) Dhanbad basis in case of Indigenous supply and Ex-works/FOB, Port of loading/CIF, Kolkata basis in case of foreign supply.** The packing, forwarding, freight and transit insurance charges, if any must be included in the price and should not be claimed separately. Duties & taxes, if applicable, are to be shown separately clarifying whether those are extra or included in the price. ***Price bids of only technically short-listed tenderers shall be opened in their presence on a pre-notified date and time.***
6. **Educational discount, if any, should be clearly mentioned.**
7. The Institute is generally at present paying concessional custom duty @9.36% for all items as per Govt of India notification. ISM is also entitled for Excise Duty Exemption under Govt of India notifications and is registered with DSIR, Govt of India for this purpose. This may be taken into consideration while quoting minimum possible rate. *Exemption Certificates* can be issued in favour of manufacturers only. It will not be issued any Indian Agent/dealer or distributor at any circumstances. ISM will provide only custom duty



- exemption certificate for availing concessional custom duty. ISM will not pay any extra custom duty other than duty exemption certificate.
8. IIT (ISM) does not issue form 'C' or 'D' for concessional Sales tax/VAT. Hence, full rate of sales tax as applicable to educational institutions against the form of certificate (enclosed as Annexure V) should be indicated.
  9. **Warranty:** Total cost of supply must include 03 (three) year onsite warranty including technical support for all equipment and accessories (with 5 business day support). The cost of repair/replacement/shipping, if any, should be borne by the supplier during the warranty period. *A three year warranty certificate including technical support is required from the original equipment manufacturer (OEM).*  
In case the local representative of the OEM/Principal Company changes or withdraws, a letter of assurance by the OEM/ Principal Company is required stating that they will directly cover the warranty and service the equipment as and when required as per the terms and conditions mentioned in this document.
  10. **Comprehensive Annual maintenance contract (AMC):** Minimum 02 years on expiry of warranty on yearly basis should be quoted. Offer including terms & conditions should be quoted on per year basis to enable purchaser make AMC for any period from 01 to 05 years. .
  11. **Validity:** Offer must be valid for a period of **240 days** from the date of opening of tender
  12. **Performance Bank Guarantee (PBG):** A bank guarantee issued by a Nationalized Bank in India towards PBG for an amount equal to 20% of basic value of purchase order and valid from date of installation/ commissioning to end of two months after the completion of warranty period should be submitted in favor of Registrar, IIT (ISM) Dhanbad.
  13. **Delivery Period and Liquidated Damage:** The ordered materials/work complete in all respects are required to be delivered and installed within the period stipulated in the purchase order failing which liquidated damages of 1% per week for the delayed period subject to maximum of 5% of the total basic value of the order shall be deducted from the invoice of the supplier.
  14. **Inspection:** Inspection shall be carried out at IIT (ISM), Dhanbad after arrival of the materials and decision of the Institute in this regard shall be final.
  15. **Rejection and Replacement:** Rejection, if any, shall be notified to the supplier within 30 days of receipt and inspection of the material/workmanship. Rejected materials/work is to be removed by the supplier at his own risk and cost from IIT (ISM). Campus within 14 days of intimation of rejection. Defective Supplies are required to be replaced within 15 days of the removal of the rejected materials/work.
  16. **Risk Purchase:** IIT (ISM) shall be at liberty to realize from the supplier the differential amount, if any, which it shall have to incur on purchase of the material/work at higher price(s) from elsewhere in the market, if the supplier, due to their fault, fails to supply the ordered quality and quantity of the material/work within the stipulated time.
  17. Conditional offer will not be accepted.
  18. **Payment:** will be made within 30 days (In case of inside in India)/ outside India through LC only) after satisfactory supply, inspection, installation/commissioning & acceptance and on submission of pre-receipted tax invoice, delivery challan, warranty certificate and installation report in triplicate and Performance Bank Guarantee. The invoice should be duly certified by the Head of Dept to which supply is made or any other IIT (ISM) official authorized for this purpose.
  19. Your full address for correspondence and name address of the beneficiary's banker should be clearly indicated in the offer. **Institute does not make any advance payment.** However, as a special case 90% Letter of Credit Payment term is accepted only in case of foreign supplier and balance 10% after satisfactory, installation report received from the user department.
  20. **Country of origin and port of shipment should be stated** in your offer clearly.
  21. Name and address of Indian Agent, percentage of agency commission, if any and role of the Agent with respect to the subject supplies and a statement thereon that "Agency Commission is included in the
  22. FOB/CIF price of the offer" should be clearly indicated in your offer.
  23. Earliest/ expected delivery period should be clearly indicated.
  24. Packing should be suitable for 'Air freight'.
  25. Please note that no part shipment/transshipment/third party shipment is acceptable to us.





Indian Institute of Technology (Indian School of Mines)  
Dhanbad – 826004, Jharkhand, India

26. **Last date** for receipt of tenders and date & time for opening of the same is given in annexure-III. The tenders will be opened in the presence of representatives of tenderers present. ***In the event last date is a holiday/declared as a holiday, next working date will be the last date for submission/ opening of tender.***
27. Tender should be submitted in a sealed cover/envelope and must be superscribed as under:
- “Tender No. AGL-500467-16-17 (Supply and Installation of Spectroradiometer System (Hyperspectral Imaging Spectroradiometer / Hyperspectral Cameras) **(31.03.2017 at 4.00 p.m.)**.”
  - All tender shall be received upto to the time and date as stated in the tender notice, after which no tender shall be accepted in any circumstances.
  - All tender must be send by Registered Post/Speed Post/Courier along with Courier receipt, during IIT (ISM) working days only (i.e. Monday to Friday). Please note that no hand delivery of tender will be received at any circumstances.
28. The Institute at its discretion may change the quantity/quality/parameters/upgrade the criteria/drop any item(s) or part thereof at any time before placing the order. In case of any dispute, the decision of IIT(ISM) shall be final and binding on the bidders/tenderers.
29. The Institute reserves the right to accept or reject any or all the bids in part or in full without assigning any reason and does not bind himself to accept the lowest bid.

**Annexure-III**

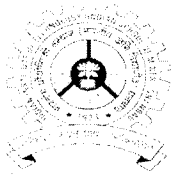
**ABOVE TERMS AND CONDITIONS OF THE NIT ARE ACCEPTED**

1	Name and address of the tenderer	
2	Telecom nos. of the tenderer i.e. phone fax, & email id.	
3	Signature, name & designation of the person signing on behalf of the tenderer & his/her office seal	
4.	Name & designation of the contact person & his phone/mobile no.	

1926 से राष्ट्र की सेवा में In service of the Nation since 1926

Phone:(0326) 2296-559 to562 (4 Lines); \* Fax : (0326) 2296563 \* Website : www.ismdhanbad.ac.in

**Keep your Environment Clean & Green**



**Annexure-IV**

**FORMAT OF BANK GUARANTEE TOWARDS EMD**

Whereas \_\_\_\_\_ (hereinafter called “the Bidder”) has submitted its bid dated \_\_\_\_\_ (date of submission of bid) for the supply of ..... (name and/or description of the goods) (hereinafter called “the Bid”) against Tender Document No. \_\_\_\_\_ of the Indian School of Mines, Dhanbad.

KNOW ALL PEOPLE by these presents that WE \_\_\_\_\_ (name of bank) of \_\_\_\_\_ (name of country), having our registered office at \_\_\_\_\_ (address of bank) (hereinafter called “the Bank”), are bound unto \_\_\_\_\_ (name of Purchaser) (hereinafter called “the Purchaser”) in the sum of \_\_\_\_\_ for which payment will and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 2009.

THE CONDITIONS of this obligation are:

1) If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or

2) If the Bidder, having been notified of the acceptance of its bid by the Purchaser during the period of bid validity:

(a) fails or refuses to execute the Contract Form if required; or

(b) fails or refuses to furnish the performance security, in accordance with the Instruction to Bidders;

We undertake to pay the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that in its demand the Purchaser will note that the amount claimed by it is due to it, owing to the occurrence of one or both of the two conditions, specifying the occurred condition or conditions.

This guarantee will remain in force up to six months from the date of opening of tender or the period of the bid validity whichever is later and any demand in respect thereof should reach the Bank not later than the above date.

Signature of the Bank



Indian Institute of Technology (Indian School of Mines)  
Dhanbad – 826004, Jharkhand, India

**Annexure-V**

**Compliance Statement**

Sl. No	Technical requirement as per NIT	What is offered by the tenderer	Status of Compliance Complied/Not Complied
--------	----------------------------------	---------------------------------	--

1926 से राष्ट्र की सेवा में In service of the Nation since 1926

Phone: (0326) 2296-559 to 562 (4 Lines); \* Fax : (0326) 2296563 \* Website : www.ismdhanbad.ac.in

**Keep your Environment Clean & Green**