

ANDREW YULE & COMPANY LIMITED
(A Government of India Enterprise)
Engineering Division, Kalyani Works
Plot -16 A & B, Block-D,
Kalyani, Nadia, PIN-741235, WB

**TENDER DOCUMENTS FOR SUPPLY OF ESP SPARES FOR ALL ELECTRICAL,
MECHANICAL AND C & I WORK FOR KOLAGHAT THERMAL POWER STATION
UNIT NO 1 OR 2 (1X210 MW) ESP**

ANDREW YULE & CO. LTD. invites e-Tender under single stage two part system (Part I: Techno-Commercial Bid and Part II: Price Bid) from bona fide and reputed Company/OEM for above mentioned Job. The Item details are available in **Annexure-VI** of this tender document.

Tender document may be downloaded from MSTC website:

www.mstcecommerce.com/eprochome/aycl. Corrigenda or clarifications, if any, shall be hosted on the above mentioned websites only. AYCL reserves the right to accept or reject any tender.

Brief Description:-

E-TENDERS ARE INVITED FROM REPUTED COMPANY/OEM FOR SUPPLY OF ESP SPARES FOR ALL ELECTRICAL, MECHANICAL AND C & I WORK FOR KOLAGHAT THERMAL POWER STATION UNIT NO 1 OR 2 (1X210 MW) ESP. THE DETAIL TECHNICAL SPECIFICATION IS MENTIONED IN ANNEXURE-V & REFER THE DRAWINGS IN ANNEXURE -VIII.

Price quoted should be FOR destination/Site.

Schedule of Tender

1.	TENDER NO.	ENGG/ESP SPARES/KW/PM/16-17/1 Dated: 23/12/2016
2.	MODE OF TENDER	e-Procurement System Online submission of Part I - Techno-Commercial Bid and Part II - Price Bid through www.mstcecommerce.com/eprochome/aycl The intending bidders are required to submit their offer electronically through this e-tendering portal. No physical tender is acceptable by AYCL/MSTC
3.	E-Tender No. / Event No.	AYCL/ENGINEERING DIVISION/8/16-17/ET/187
4.	Date of publication of e-Tender through publication MSTC/AYCL websites and Central Public Procurement Portal	23.12.2016
5.	Date of availability of NIT to the Vendors for downloading	23.12.2016
6.	Earnest Money Deposit	<ul style="list-style-type: none"> • “Earnest Money Deposit”- Please refer Annexure-VII EMD to be paid by D.D. favouring Andrew Yule &Co Ltd, payable at Kolkata. Also refer Annexure –VI for EMD waiver clause.
7.	Tender Fee	<ul style="list-style-type: none"> • Tender Fee – Rs. 5,000/- (Five Thousand only)) to be paid by D.D. favoring Andrew Yule &Co Ltd, payable at Kolkata.
8.	Date of Starting of e-Tender for submission of Online Techno-Commercial Bid and Price Bid at www.mstcecommerce.com/eprochome/aycl	23.12.2016 – 5:00 PM
9.	Date of closing of Online e-tender for submission of Techno-Commercial Bid & Price Bid at www.mstcecommerce.com/eprochome/aycl	06.01.2017 – 02:00 PM
10.	Date & time of opening of Part-I (Techno-Commercial Bid)	06.01.2017 – 03:00 PM
11.	Date & time of opening of Part-II (Price Bid)	11.01.2017 – 02:00 PM

List of Annexure

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Important Instructions for E-procurement

This is an e-procurement event of ANDREW YULE & COMPANY LTD Ltd.

You are requested to read the Terms & Conditions (Annexure- III, and IV) of this tender before submitting your online tender. Tenderers who do not comply with the Conditions with documentary proof (wherever required) will not qualify in the Tender for opening of Price Bid.

1. Process of E-tender:

A) **Registration:** The process involves vendor's registration with MSTC e-procurement portal which is free of cost. Only after registration, the vendor(s) can submit his/their bids electronically. Electronic Bidding for submission of Techno-Commercial Bid as well as Price Bid over the internet will be done. The Vendor should possess Class III signing type Digital Signature Certificate. Vendors are to make their own arrangement for bidding from a PC connected with Internet. MSTC is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature).

SPECIAL NOTE: THE PRICE BID AND THE COMMERCIAL BID HAS TO BE SUBMITTED ONLINE AT www.mstcecommerce.com/eprochome/aycl

- 1) Vendors are required to register themselves online with www.mstcecommerce.com → e-Procurement → PSU / Govt. depts. → Register as Vendor under AYCL- Filling up details and creating own user id and password → Submit.
- 2) Vendors will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form.

In case of any clarification, please contact MSTC/AYCL (before the scheduled time of the e-Tender).

Contact person (ANDREW YULE & COMPANY LTD):

1. Mr. Pradip Majumder
Manager (Purchase)
pradip.majumder@andrewyule.com

Cell : +91 98310 01118
Phone : +91(33) 2582 5734; +91(33) 2582 8279
Fax : +91(33) 2582 8581

2. Mr. Gourab Banerjee
Asst. Manager – Materials
gourab.banerjee@andrewyule.com
Cell- 9674037162

Phone : +91(33) 2582 5734; Fax: +91(33) 2582 8279

Contact person (E-Commerce, MSTC Ltd):

- | | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|
| 1. Mr. Arindam Bhattacharjee
Deputy. Manager (E-commerce)
Mobile No: 09330102643
Email: arindam@mstcindia.co.in
Landline: (033) 22901004 | 2) Mr. Sabyasachi Mukherjee
Assistant Manager (E-commerce)
Mobile- 07278030407
Email: smukherjee@mstcindia.co.in |
| 3. Ms Sumona Maity
Management Trainee (E-Commerce)
Mobile-09831155225
Email: smaity@mstcindia.co.in | |

System Requirement:

- i) Windows XP-SP3 or above / Windows 7 Operating System
 - ii) IE-7 or above Internet browser.
 - iii) Signing & Encryption type digital signature
 - iv) JRE 7 updates 79 software to be downloaded and installed in the system. Security level should be medium
 - v) To enable ALL active X controls and disable 'use pop up blocker' under Tools → Internet Options → custom level (Please run IE settings from the page www.mstcecommerce.com once)
- 2. Part-I: Submission of EMD, Tender Fee & Filled up General Information Form (Annexure – II) - in sealed envelope to **DGM (Materials), KW, AYCL:****
- Bidder may request for exemption from submitting EMD (Refer details given in SI No 1 of Annexure-IV, General terms & condition).
- Tender Fee – Rs. 5,000/- (Five Thousand only- Non refundable) to be paid by D.D. favouring Andrew Yule &Co Ltd, payable at Kolkata.
- Earnest Money as per amount mentioned in Annexure-VII to be paid by DD favouring Andrew Yule & Co. Ltd. Payable at Kolkata
- General information, under Annexure-II complete in all respect along with desired document.
- In case of failure to submit the EMD within the stipulated time, the Tender may be rejected.

Part-II: Online Bid Submission: After proper submission of EMD and Tender Fee at Andrew Yule & Co, the prospective bidder to submit online Techno commercial and price bid through MSTC portal.

Following documents are to be uploaded at the E-Tender Portal as a credential of the prospective bidder:

3. Present Customer List.
4. Copies of purchase Orders & Performance Certificate from at least three reputed Organizations for having supplied same materials and provided same service during the year 2014-2015/2015-2016. Offers received without copies of performance certificate will/may be rejected.
5. Balance sheets and P&L Account. (2013-2014, 2014-2015 & 2015-16).

Bidding in e-Tender:

- a. No interest will be paid on EMD. EMD of the unsuccessful bidder(s) will be refunded by ANDREW YULE & COMPANY LTD. EMD to be paid along with the Document within the last date as mentioned in SOT.
- b. The process involves Electronic Bidding for submission of Techno Commercial Bid as well as Price Bid.
- c. The bidder(s) who have submitted the EMD & Tender Fee to Andrew Yule can submit their Techno Commercial Bids and Price Bid through internet in MSTC website www.mstcecommerce.com → e-procurement → PSU / Govt depts. → Login under AYCL → My Menu → Auction Floor Manager → live event → Selection of the live event.
- d. The bidder should allow to run an application namely enApple by accepting the risk and clicking on run. This exercise has to be done twice immediately after opening of Bid floor. Then they have to fill up Common terms /Commercial specification and save the same. After that clicking on the Techno-Commercial bid, if this application is not run then the bidder will not be able to save / submit his Techno-Commercial bid.
- e. After filling the Techno-Commercial Bid, bidder should click 'save' for recording their Techno-Commercial bid. Once the same is done, the Price Bid link becomes active and the same has to be filled up and then bidder should click on "**Save**" to record their Price Bid. Then once both the Techno-Commercial bid & Price Bid has been saved, the bidder can click on the "**Submit**" button to register their bid.
- f. Vendors are instructed to use link in **My Menu** to **Upload Documents** in document library. Multiple documents can be uploaded. Maximum size of single document for upload is 5 MB.

- g. Once documents are uploaded in the library, vendors can attach documents through *Attach Document* link against the particular tender. For further assistance please follow instructions of vendor guide.
- h. In all cases, bidder should use their own ID and Password along with Digital Signature at the time of submission of their bid.
- i. During the entire e-tender process, the bidders will remain completely anonymous to one another and also to everybody else.
- j. The e-tender floor shall remain open from the pre-announced date & time and for as much duration as mentioned above.
- k. Techno-Commercial bid will be opened electronically on specified date and time as given in the NIT. Bidder(s) can download Technical Comparative statement.
- i. Price bid will be opened electronically on specified date and time given in the NIT. Bidder(s) can download Price Comparative statement.
- m. All entries in the tender should be entered in online Technical & Commercial Formats without any ambiguity.
- n. All electronic bids submitted during the e-tender process shall be legally binding on the bidder. Any bid will be considered as the valid bid offered by that bidder and acceptance of the same by the Buyer will form a binding contract between Buyer and the Bidder for execution of supply. Such successful tenderer shall be called hereafter **SUPPLIER**.
- o. It is mandatory that all the bids are submitted with Digital Signature Certificate otherwise the same will not be accepted by the system.
- p. Buyer reserves the right to cancel or reject or accept or withdraw or extend the tender in full or part as the case may be without assigning any reason thereof.
- q. No deviation of the terms and conditions of the tender document is acceptable. Submission of bid in the e-tender floor by any bidder confirms his acceptance of terms & conditions for the tender.
- r. Unit of Measure (UOM) is indicated in the e-tender Floor. Rate to be quoted should be in Indian Rupee as per UOM indicated in the e-tender floor/tender document.

E-tender cannot be accessed after the due date and time mentioned in NIT.

All notices / corrigendum and correspondence to the bidder(s) shall be sent by email only during the process till finalization of tender by ANDREW YULE & COMPANY LTD/MSTC LTD. Hence the bidders are required to ensure that their corporate email I.D. provided is valid and updated at the

stage of registration of vendor with MSTC. Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

Any order resulting from this open e-tender shall be governed by the terms and conditions mentioned therein.

No deviation to the technical and commercial terms & conditions are allowed.

ANDREW YULE & COMPANY LTD has the right to cancel this e-Tender without assigning any reason thereof.

The online tender should be submitted strictly as per the terms and conditions and procedures laid down in the website www.mstcecommerce.com/eprochome/aycl of MSTC Ltd.

The bidders must upload all the documents required as per terms of NIT. Any other document uploaded which is not required as per the terms of the NIT shall not be considered.

The bid will be evaluated based on the filled-in technical & commercial formats.

Bidders are requested to read the vendor guide and see the video in the page www.mstcecommerce.com/eprochome/mstc of MSTC Ltd. to familiarize them with the system before bidding.

ANDREW YULE & COMPANY LIMITED
Kalyani Works, Engineering Division

General Information

Tender ref.: ENGG/ESP SPARES/KW/PM/16-17/1 Dated: 23/12/2016
Ref (This document should be dully filled up and attached along with EMD)

The applicants are required to furnish full information to the queries included in this form. In giving the particulars, the supporting documents/certificates as called for per queries at places, must be tagged with the application for evidencing the information furnished in the application.

1. Name of the firm in full :

2. Address, Telephone No.,
Fax No. & E-mail :
a) Address :
b) Telephone No. :
c) Fax No. :
d) E-mail ID :
e)Name of contact person :

3. Status of the company (Limited / Pvt. Ltd /
Proprietary /partnership/ Reg. /Non-Reg.
and date of inception:

4. Trade License No.
**(Please attach a photo
Copy of the license) :**

5. Service Tax Registration No.
(Please enclose photocopy of Reg.)

6. Banker's name
(a) Name of the Bank :

(b) Name& address of the Branch :

(c) Account No. :

- Note: A copy of Banker's Certificate to be attached.**

7. Sales tax Registration No.

(a) Central :

(b) State / VAT :

8. I. T. Permanent Account No. & assessed up to (latest clearance Certificate to be attached):

9. Turnover in last three financial years (Audited Balance Sheet and P & L Account to be submitted):

10. Name of present customers (Photocopy of few contracts may be enclosed):

11. Details of EMD (DD Details) submitted:

12. Details of Tender Fee (DD Details) submitted:

I/we hereby certify that the particulars furnished by me/us above are true to the best of my / our knowledge and belief and mis-representations of facts will render me/us liable to my/our action as may be deemed fit by Andrew Yule & Co. Ltd. (Engineering Division) & have the sole discretion to reject or accept my/our candidature.

(Signature of the Applicant)
Office Stamp/Seal.

Place :

Date ;

List of Enclosures:

TECHNO-COMMERCIAL TERMS
(To be filled online in MSTC portal).

SL NO	TERMS & CONDITIONS
1	Delivery period/Lead time: Within 30-45 Days from the date of order placement/drawing approval as applicable.
2	VAT/CST/ED/ST: Pls. mention with registration No., if any
3	Negotiated L1 price may be offered to other bidders whose price bid was opened. Andrew Yule reserves the right to order the entire Tender quantity on the L1 bidder.
4	Risk purchase clause: The company reserve the right to impose risk purchase clause as " For delay in execution / supply we shall have every right to do the same through some other agency/s which shall deemed fit and the additional cost of the same (Incidental/Consequential) shall be to your account which with respect to our intimation or observation whatsoever. Please confirm acceptance.
5	P&F - INCLUSIVE
6	Liquidated damage - If the delivery is delayed beyond the date of scheduled date of execution in the order, penalty will be levied @ 1/2% per week subject to a maximum of 5% . Please confirm acceptance.
7	Legal condition(Arbitration): Any contract entered against this tender will be as per the following legal condition- It is recorded that this purchase order / contract / agreement is executed and concluded by and between the parties hereto at premises Engineering Division, Kalyani Works Plot -16 A & B, Block-D, Kalyani, Nadia, PIN-741235, West Bengal. In the event of any dispute arises out of this agreement between the parties only the appropriate Civil Court in the City of Kolkata shall have the exclusive jurisdiction to entertain, try and determine the said proceedings in exclusion of all other courts. Please confirm acceptance”-.
8	Validity of offer: Your price should be valid for acceptance till completion of complete supply/service, No price escalation will be entertained during that period
9	Price Basis , P&F :The price quoted should be FOR at Site basis and will remain valid , firm & fixed till completion of supply, installation and commissioning of the items. no price variation will be allowed at any circumstances.
10	PAYMENT TERMS: -a.10% advance for supply against submission of BG (as per our Format to be issued to you) for equivalent amount. b. 75%- on pro rata basis against supply of items (as per technical specification, approved drg ,QAP etc) after 60 days from submission of your bill certified by our client/authorized representative. c. Rest 15%- 60 days after receipt of FAC of the project from our client.
11	Guarantee /Warrantee Clause: The workmanship/smooth operation of the plant with respect to supply is to be guaranteed for a period of 18 months from the date of supply.
12	Inspection: Inspection will be done by us/client at your works. Final inspection may be done, if required by us/client at site after receipt of the materials/installation of the item by you. Vendor to submit QAP for approval.
13	Codes and Standards:

	<p>All equipment and materials to be furnished under this specification shall be designed, manufactured and tested in accordance with the latest revisions of the relevant Indian Standard(IS) as applicable. The work shall be done in compliance with the IS Specification.</p>
14	<p>Force Majeure Clause:</p> <p>1. Force Majeure</p> <p>1.1 Neither vendor nor AYCL shall be liable to the other for any delay or non-performance of its obligations under this Contract arising from any cause beyond its reasonable control including in relation to either Party any act of God, governmental act, act of any regulatory authority, supervening illegality, war, fire, flood, explosion, power blackout, break-down of machinery, loss of utility, civil commotion, industrial dispute, manpower unrest acts or omissions of telecommunications or data communications operators or carriers , in relation to vendor (to the extent not directly attributable to vendor's negligence), (a "Force Majeure Event").The affected Party shall promptly notify the other Party in writing, of the cause and the Force Majeure Event and its likely duration within no later than two (2) days after the affected Party knew of the occurrence of the Force Majeure Event. Performance by the affected Party of its obligations under this Contract shall be suspended for the duration of the Force Majeure Event. If performance is not resumed within 15 (fifteen) days after the Force Majeure Event, either Party may terminate this Contract by giving to the other Party seven (7) days' notice in advance.</p> <p>1.2 On the occurrence of any Force Majeure Event, the affected Party shall use all reasonable efforts (including emergency fixes and workarounds) to perform its obligations under this Contract during the period of suspension. Further the affected Party shall perform such part of its obligations pursuant to this Contract as are not affected by the Force Majeure Event.</p> <p>1.3 The affected Party shall use its reasonable efforts to mitigate the effect of any event of Force Majeure as soon as practicable.</p>

Annexure-IV

GENERAL TERMS AND CONDITIONS

1. EMD: As per Annexure-VII, by way of Demand Draft drawn in favor of M/S ANDREW YULE & CO.LTD Payable at Kolkata to be submitted.

For bidders already enlisted with AYCL- Kalyani Works, having outstanding amount more than the EMD amount or who have already submitted the EMD against our earlier tenders or those who have security deposit with Andrew Yule may apply for adjustment of the same.

Bidders who are MSME units may apply for exemption from furnishing EMD by making a specific request in writing and enclosing the necessary document in support of the same.

Bidders whose turnover is more than Rs: 50 crores may apply for exemption from furnishing EMD by making a specific request in writing and enclosing the necessary document in support of the same

If reason for non-submission of EMD or adjustment against the outstanding balance for EMD is not mentioned in Techno-commercial bid of tender, the tender will be rejected.

New vendors are required to submit all credentials for enlistment /competency

2. Bidder should submit copies of purchase orders & Performance Certificate from at least two reputed Organizations for providing/supply of similar items/service during the year 2014-2015/2015-2016.Offers received without copies of performance certificate may be rejected.

3. Bidders should enclose copy of last 3 years Balance sheets and P&L Account. (2013-2014, 2014-2015, 2015-2016).

4. Bidders should enclose a DD for Rs: 5,000 /= in favor of ANDREW YULE & CO.LTD, Payable at Kolkata towards cost of tender document.

5. THE RIGHTS OF THE COMPANY

The company reserves the right to reject any tenderer based on their past performance

6. The breakup of your quoted rate with respect to supply, service and others to be submitted along with Price bid.

Annexure - V

TECHNICAL SPECIFICATION

ESP Details		
Sr. No.	Description	Details
1	ESP Size & Type	2P,2C,33GP, 12" X 24' X 36' (4 X 9') Make: M/s Voltas Ltd
2	No. of ESP Pass/unit	2 nos
3	No. of Mech field/Pass	8 nos
4	No. of Elec field/Pass	16 (8+8)
5	No. Collecting Electric Row/Field	34/field (total 544 nos.)
6	No. of Emitting Electrode /Row	Total 396/Field out of which 12 nos are hanger wire
7	Width, Height & Thickness of Collecting Electrode	24 ft(high), 9 ft(width)
8	No. Hopper/Mechanical field	16 nos total
9	No. Hopper/Mechanical field	16 nos total
10	No. Of GD Plate Row per funnel	Two Step at ESP I/L

11	No. of Miggi rapper per field	9 no X 16 Field=144 no + 8 nos at GD screen (both pass) = Total 152 nos
12	TR rating	39.6KVA
13	Input Voltage	3 ph 415 V AC
14	Output Voltage	78 KV(peak) DC, 48 KV DC(Mean)
15	Output Current	500 mA(Mean)
16	HV Transformer KVA rating (Make Hind Rectifire)	39.6 KVA (Type OTHA 48/500)
17	Control	SCR
18	Controller Type	Analog Electronic Controller(ACE-16)
19	Emitting Rapper	EM Vibrator 96 nos

TECHNICAL DETAILS OF ESP COMPONENTS

Sl. No.	Description of Item	Qty .	Technical Details	Drg	Eligibility Criteria
1	Collecting Electrode / Plates as per attached drawing and available documents	550	24 ft(high) 9 ft (width) , Material Specification as per IS:513, GR-D, Sheet thickness-1.25 mm, Drawing shows 4 Baffles but our requirement is 6 Baffles, so, during estimation you have to consider 6 Baffles instead of 4 Baffles given in the drawing. Length and other details shall be as per attached drawing.	Attached .	Vendor should have manufacturing facilities of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this

					NIT.
2	Discharge Electrode/Wire (along with counter weight) Assembly as per attached drawing and available documents.	6500	Discharge Electrode made out of 3 mm dia wire conforming to AISI 304, Bright Surface Finish, UTS 63-84 kg/mm ² complete with Shrouds made of Carbon Steel Seamless Tube, 9.5 mm OD, 3.2 mm ID conforming to DIN 2391-C St. 35 NBK, Round Head Pins, Washers, Split Cotter Pins and Cast Iron Counter Weight conforming to IS 210 Grade 20 as per drawing.	Attached	Vendor should have manufacturing facilities of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.
3	Anti-sway Insulator.	128	Porcelain, Withstand to the temperature around 200 deg C and 110 KV, Size: Solid Cylindrical, diameter 38 mm to 40 mm and length-405 lg.	Attached	Vendor should have manufacturing facilities of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.
4	Latest microprocessor based controller (Ethernet version) for existing transformer rectifier unit.	16	The Controller should be compatible with the existing controller supplied by Hind Rectifier along with their TR set.		Vendor should have manufacturing facilities of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.

5	Thick Flim non-inductive, High Power Resistor for existing Transformer Rectifier (TR) unit (HW 250 , 100M ohm +/- 10% for TR set of ESP, Hind Rectifier Ltd make).	16			Vendor should have manufacturing facilites of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.
6	Perforated Plate for Gas Distribution (GD) Screen 0.5M x 2M x 3 mm for ESP.	200	Perforated sheet material specification IS: 1079, .5 M widthX2 M length X 3 mm Thickness, Holes shall be as per attached drawing	Attached	Vendor should have manufacturing facilites of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.
7	Coil assembly for ESP- MIGI (Magnetic Impulse and Gravity Impact) Rapper.	152	Rapper Coil Assembly, 110V DC with Boot Seal and Clamp		Vendor should have manufacturing facilites of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.
8	Hanger Wire for discharge electrode frame. N.B: All consumable and hardware items which are not covered above but required to be replaced for successful overhauling and commissioning of ESP are to be	250	Discharge Electrode, SS 304, 4 mm dia with Shrouds, conforming to AISI 304, Bright Surface Finish, UTS 63-84 kg/mm2 complete with Shrouds made of Carbon Steel Seamless Tube, 9.5 mm OD, 4.5 mm ID conforming to DIN 2391-C St. 35 NBK, as per drawing Round Head Pin, Washers, Split Cotter Pins and 10 mm dia Hook as per drawing.	Drawing attached	Vendor should have manufacturing facilites of similar items & Should have credential to supply such item in past. Credential is to be uploaded against this NIT.

	supplied by the party without any extra cost.				
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DETAIL OF SUPPLY ITEMS

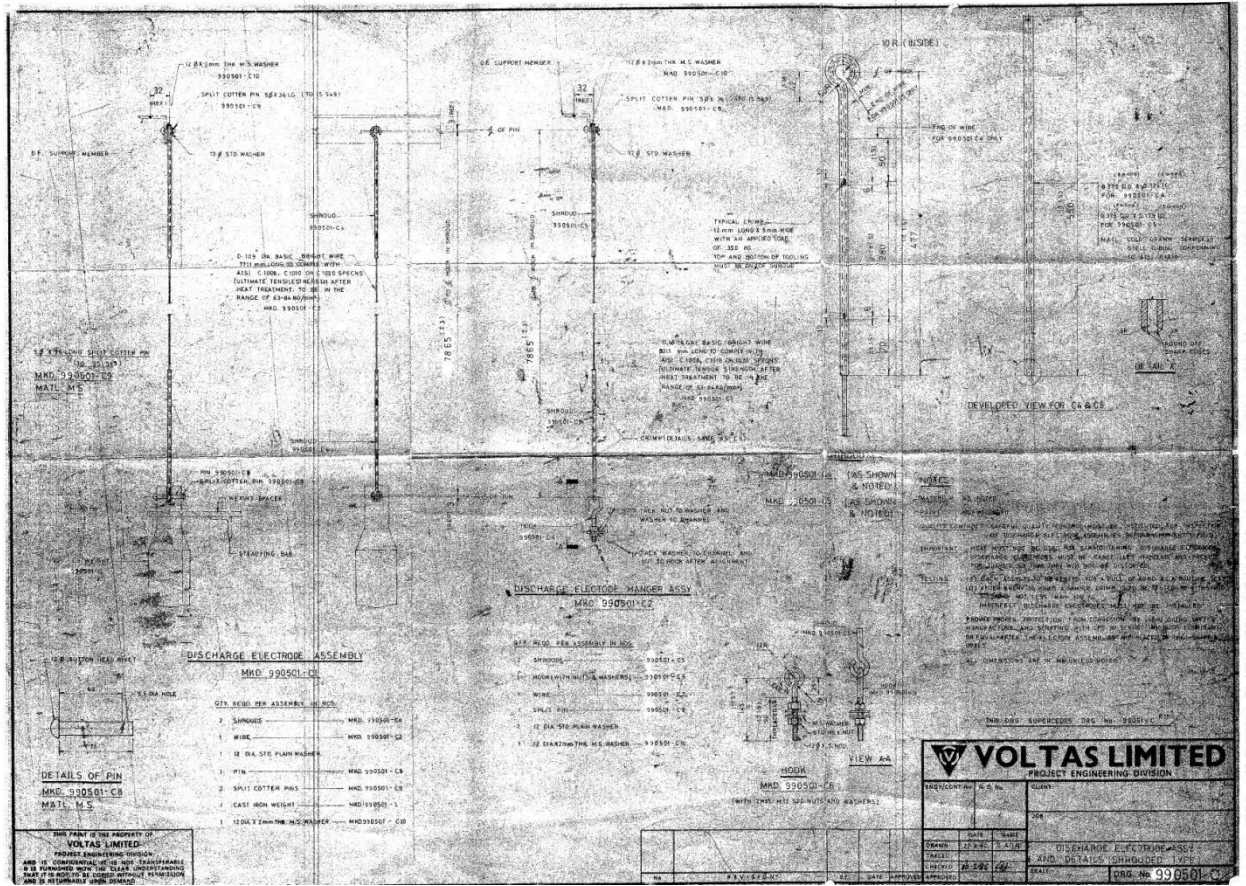
SI No.	Item	Qty(Nos.)
	Supply:	
1	Collecting Electrodes/Plates as per Drawings/documents	550
2	Discharge Electrodes/Wire(along with counter weight)Assembly as per Drawings/Documents	6,500
3	Anti-sway Insulator	128
4	Latest micro processor based controller(Ethernet version) for existing Transformer rectifier unit	16
5	Thick film non-inductive, High power Resistor for existing Transformer rectifier(TR) unit(HW 250,100Mohm+/-10% for TR set of ESP, Hind rectifier Ltd, Make)	16
6	Perforated Plate for gas distribution(GD) Screen 0.5 MX 2M X 3 MM for ESP	200
7	Coil Assembly for ESP –MIGI(Magnetic Impulsive and Gravity Impact) Rapper	152
8	Hanger Wire for Discharge Electrode frame	250

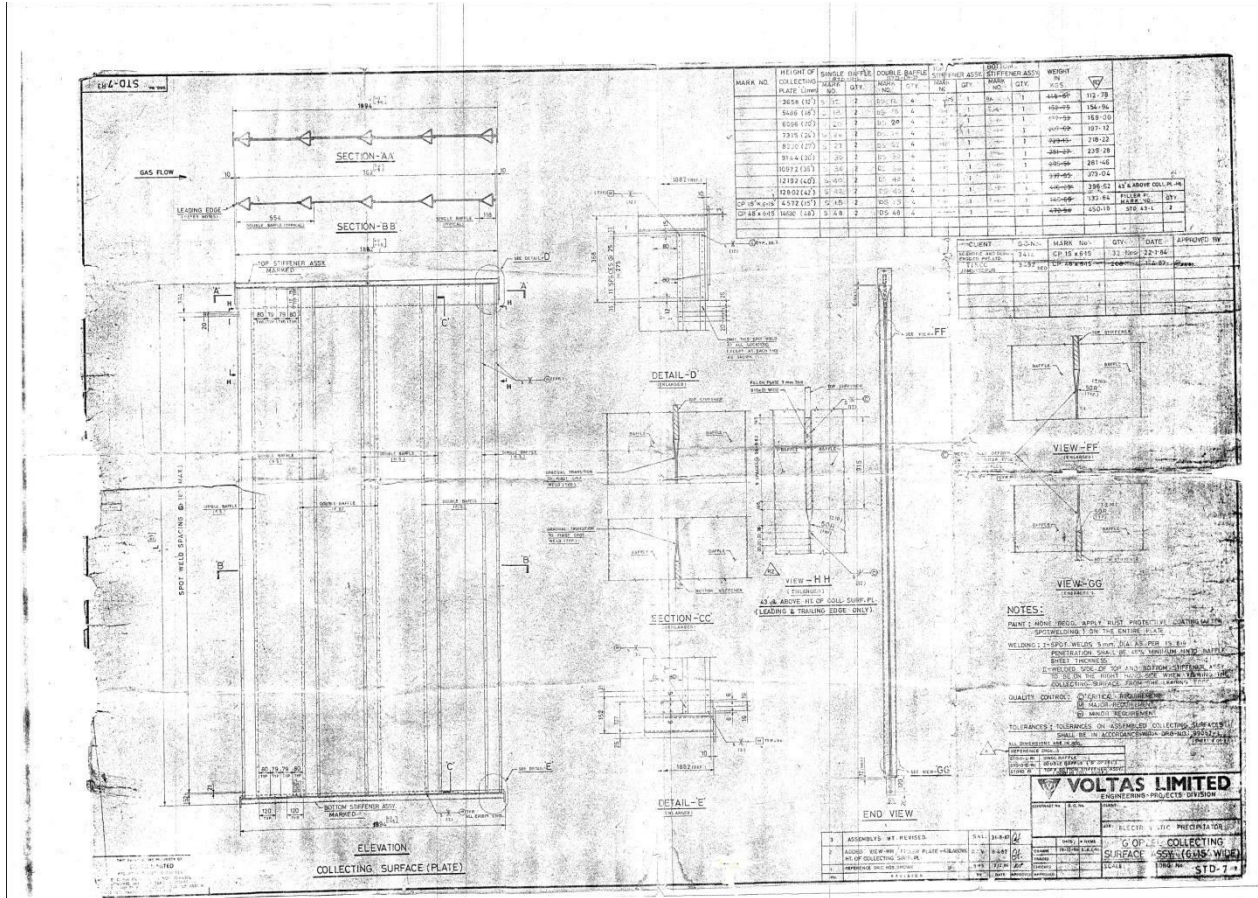
ITEMWISE EMD AMOUNT

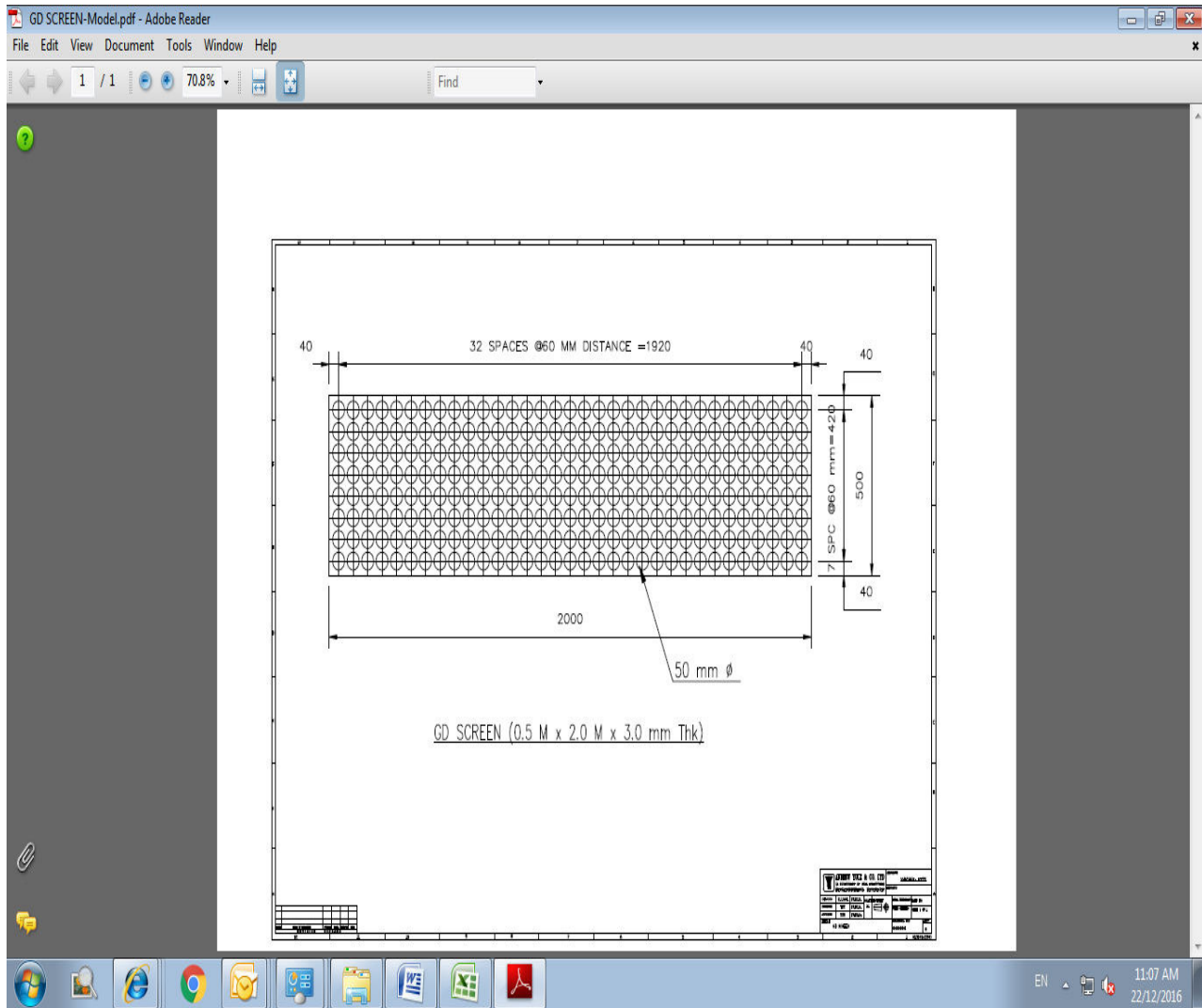
SI No.	Item	EMD Amount(Rs)
	Supply:	
1	Collecting Electrodes/Plates as Drawings/documents	50,000/-
2	Discharge Electrodes/Wire(along with counter weight)Assembly as per Drawings/Documents	50,000/-
3	Anti-sway Insulator	7,000/-
4	Latest micro processor based controller(Ethernet version) for existing Transformer rectifier unit	20,000/-
5	Thick film non-inductive, High power Resistor for existing Transformer rectifier(TR) unit(HW 250,100Mohm+/-10% for TR set of ESP, Hind rectifier Ltd, Make)	4,000/-
6	Perforated Plate for gas distribution(GD) Screen 0.5 MX 2M X 3 MM for ESP	4,000/-
7	Coil Assembly for ESP –MIGI(Magnetic Impulsive and Gravity Impact) Rapper	20,000/-
8	Hanger Wire for Discharge Electrode frame	4,000/-

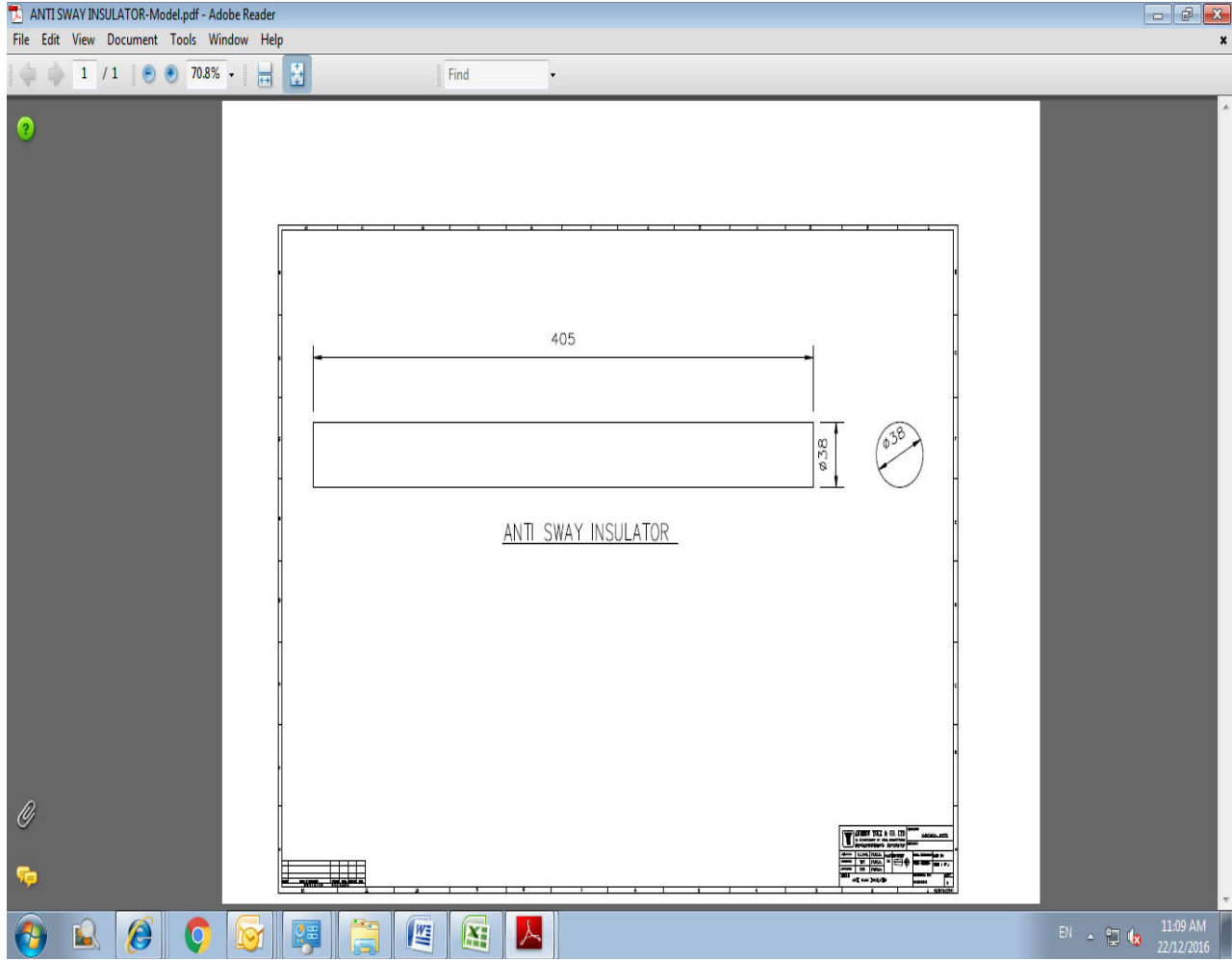
Details of Drawings/Documents

PLEASE REFER FOLLOWING PAGES :









Details of SCOPE OF SUPPLY

- A) **Scope of supply**: As per details mentioned in Annexure-VI.

ABG FORMAT

From:
Issuing Bank

To:
Andrew Yule & Co. Ltd.
Engineering Division
8, Dr. Rajendra Prasad Sarani
Kolkata, West Bengal
India
PIN: 700001

SUB: BANK GUARANTEE FOR ADVANCE PAYMENT

1	Whereas on the _____ day of _____ M/s _____ a firm having its office at _____ (hereinafter referred to as “The Supplier”) entered into an agreement Purchase Order No. K-xx-xx-xxxxx dated xx.xx.20xx (hereinafter referred to as “The Contract”) with M/s Andrew Yule & Co. Ltd., A Govt. of India Enterprise, having its registered office at Yule House, 8, Dr. Rajendra Prasad Sarani, Kolkata-700001 (herein after referred to as “The Purchaser”)
2	And whereas under the terms and conditions of the contract an amount of Rs. _____ representing _____% advance payment out of contract value of Rs. _____ is to be paid by the purchaser to the supplier.
3	Now we Bank of _____, _____ in consideration of the purchase having agreed to pay to the supplier an advance payment of Rs. _____ do hereby agree and undertake to indemnify the purchaser and keep the purchaser indemnified to the extent of a sum not exceeding the said sum of Rs. _____ against any damage or loss that may be suffered by the purchaser by reason of non fulfillment of any of the terms and conditions of the contract by the supplier.

4	We Bank of _____ do hereby undertake to pay the amount due and payable under this guarantee without any demur merely on a demand from on behalf of Andrew Yule & Co. Ltd., stating that the amount claimed is due by way of loss or damage caused to or would be caused to or suffered by the purchaser by reason of breach by the said supplier of any of the terms and conditions contained in the said P.O. or by reason of the supplier's failure to perform the said P.O. Any such demand made on the bank shall be conclusive as regards the amount due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs -----
5	We, undertake to pay to the purchaser any money so demanded notwithstanding any dispute or disputes raised by the supplier in any suit or proceeding pending before any court of Tribunal relating thereto our liability under this present being absolute of our liability of payment there under and the supplier shall have no claim against us for making such payment.
6	And we Bank of _____ hereby further agree that the decision of the said Andrew Yule & Co. Ltd. As to whether the supplier has committed breach of any such terms and conditions of the contract or not an as to the amount of damage or loss assessed by the said Andrew Yule & Co. Ltd. As damage or loss suffered by the purchaser on account of such breach would be final and binding on us.
7	And we Bank of _____ further agree with the purchaser that the purchase shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said P.O. or to extend time of performance by the said contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the purchaser against the said supplier and to forbear or enforce any of the terms and conditions relating the said P.O. and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said supplier or for any forbearance act or omission on the part of the purchaser or any indulgence by the purchaser to the said supplier or by any such matter or thing whatsoever which under the law relating to sureties would, but for this provision have effected of relieving us.
8	This guarantee will not be discharged due to the change in the constituting of the bank or the supplier.
9	Our guarantee shall remain in force until _____ and unless a claim under the guarantee is lodged with us within that date all rights of the purchaser shall be forfeited and we shall be relieved discharged from all liabilities there under.

Notwithstanding anything contained herein:

- I) Our liability under this Bank Guarantee shall not exceed Rs. (Rupees_____)
- II) This Bank Guarantee shall be valid for 6 months from the date of issue.
- III) We are liable to pay the Guaranteed amount or part thereof under this Bank Guarantee only and only if you serve upon us a written claim or demand on or before_____
- IV) We shall be released and discharged from all liabilities hereunder unless a written claim for payment under this guarantee is lodged on us on or before..... irrespective of whether or not the original guarantee is returned to us.

Witness:

Signature

Designation-with Bank Stamp

PBG FORMAT

BANK GUARANTEE NO. _____
AMOUNT _____
VALID UPTO _____

TO
M/S. ANDREW YULE & COMPANY LIMITED,
8, DR. RAJENDRA PRASAD SARANI,
KOLKATA – 700 001

IN CONSIDERATION OF ANDREW YULE & CO. LTD. ENGINEERING DIVISION, A COMPANY INCORPORATED UNDER THE COMPANIES ACT, 1956 AND HAVING ITS REGISTERED OFFICE AT ‘YULE HOUSE’ 8, DR. RAJENDRA PRASAD SARANI, KOLKATA – 700 001 “THE COMPANY” WHICH EXPRESSION SHALL UNLESS REPUGNANT TO THE CONTEXT OR CONTRARY TO THE MEANING THEREOF INCLUDES ITS SUCCESSORS AND ASSIGNS HAVING AGREED TO EXEMPT M/S XXXX, Address XXXX WHICH EXPRESSION SHALL UNLESS REPUGNANT TO THE CONTEXT OR CONTRARY TO THE MEANING THEREOF INCLUDES ITS SUCCESSORS AND ASSIGNS FROM THE DEMAND, UNDER THE TERMS AND CONDITIONS OF THE PURCHASE ORDER NO. XXXX, PLACED BY THE COMPANY ON THE CONTRACTOR FOR SUPPLY OF XXXX, ON PRODUCTION OF A BANK GUARANTEE FOR RS. XX.00 (RUPEES XXX ONLY), WE XXXX, HAVING ITS REGISTERED OFFICE AT XXX AND AMONG OTHERS HAVING A BRANCH OFFICE AT XXX, XXX, HEREINAFTER CALLED “THE SAID BANK” WHICH EXPRESSION SHALL UNLESS REPUGNANT TO THE CONTEXT OR CONTRARY TO THE MEANING THEREOF INCLUDES ITS SUCCESSIONS, ADMINISTRATORS, EXECUTORS AND ASSIGNS, AT THE REQUEST OF THE CONTACTOR, DO HEREBY UNDERTAKE TO PAY TO THE COMPANY AN AMOUNT NOT EXCEEDING RS. XXX AGAINST ANY LOSS OR DAMAGE CAUSED TO OR SUFFERED OR WORLD BE CAUSED TO OR SUFFERED BY THE COMPANY BY REASON OF ANY BREACH BY THE SAID CONTRACTOR OF ANY OF THE TERMS AND CONDITIONS CONTAINED IN THE SAID ORDER.

WE XXX BANK, DO HEREBY UNCONDITIONALLY AND IRREVOCABLY UNDERTAKE TO PAY THE AMOUNT DUE AND PAYABLE UNDER THIS GUARANTEE, WITHOUT ANY OBJECTION OR DEMUR, MERELY ON A DEMAND FROM THE COMPANY, STATING THAT THE AMOUNT CLAIMED IS DUE BY WAY OF LOSS OR DAMAGE CAUSED TO OR SUFFERED BY THE COMPANY BY REASON OF BREACH BY THE SAID CONTRACTOR OF ANY OF THE TERMS AND CONDITIONS CONTAINED IN THE SAID ORDER OR BY REASON OF THE CONTRACTOR’S FAILURE TO PERFORM THE SAID ORDER, ANY SUCH DEMAND, MADE ON THE BANK, SHALL BE CONCLUSIVE AS REGARDS THE AMOUNT DUE AND PAYABLE BY THE BANK UNDER THIS GUARANTEE, BUT NOT EXCEEDING RS.XX.00 (RUPEES XXXXX ONLY)

WE XXXX, FURTHER AGREE THAT THE GUARANTEE HEREIN CONTAINED SHALL REMAIN IN FULL FORCE AND EFFECT DURING THE PERIOD THAT WOULD BE TAKEN FOR THE PERFORMANCE OF THE SAID ORDER AND THAT IT SHALL CONTINUE TO BE ENFORCEABLE TILL ALL THE DUES OF THE COMPANY UNDER OR BY VIRTUE OF THE SAID ORDER, HAVE BEEN FULLY PAID AND ITS CLAIM SATISFIED OR DISCHARGED OR TILL THE COMPANY CERTIFIES THAT THE TERMS AND CONDITIONS OF THE SAID ORDER HAVE BEEN FULLY AND PROPERLY CARRIED OUT BY THE SAID CONTRACTOR AND ACCORDINGLY, DISCHARGES THIS GUARANTEE.

WE THE SAID BANK, FURTHER AGREE WITH THE COMPANY THAT THE COMPANY SHALL HAVE THE FULLEST LIBERTY, WITHOUT OUR CONSENT AND WITHOUT AFFECTING IN ANY MANNER, OUR OBLIGATIONS HEREUNDER TO VARY ANY OF THE TERMS AND CONDITIONS OF THE SAID ORDER OR TO EXTEND TIME OR PERFORMANCE BY THE SAID CONTRACTOR FROM TIME TO TIME.

WE THE SAID BANK, FURTHER AGREES THAT IT SHALL NOT BE NECESSARY FOR THE COMPANY TO PROCEED AGAINST THE CONTRACTOR BEFORE PROCEEDING AGAINST THE BANK AND THE GUARANTEE HEREIN CONTAINED SHALL BE ENFORCEABLE AGAINST THE BANK.

THIS GUARANTEE WILL NOT BE DISCHARGED DUE TO THE CHANGE IN THE CONSTITUTION OF THE BANK OR CONTRACTOR.

WE, THE SAID BANK, LASTLY UNDERTAKE NOT TO REVOKE THIS GUARANTEE DURING ITS CURRENCY WITHOUT THE PREVIOUS CONTENTS OF THE COMPANY IN WRITING.

THE BANK ALSO AGREES THAT THE COMPANY AT ITS OPTION SHALL BE ENTITLED TO ENFORCE THIS GUARANTEE AGAINST THE BANK AS A PRICIPAL DEBTOR, IN THE FIRST INSTANCE WITHOUT PROCEEDING AGAINST THE CONTRACTOR/SUPPLIER AND NOTWITHSTANDING ANY SECURITY OR OTHER GUARANTEE THAT THE COMPANY MAY HAVE IN RELATION TO THE CONTRACTOR'S/SUPPLIER'S LIABILITIES.

FOR THE PURPOSE OF ENFORCING LEGAL RIGHT/REMEDIES IN RESPECT OF THIS GUARANTEE, WE AGREE WITH YOU TAHT KOLKATA HIGH COURT IN THE STTE OF WEST BENGAL SHALL HAVE THE EXCLUSIVE JURISDICTION.

NOTWITHSTANDING ANY THING CONTAINED HEREINBEFORE, OUR LIABILITY UNDER THIS GUARANTEE IS RESTRICTED TO RS. XXX. THIS GUARANTEE WILL EXPIRE XXXX AND UNLESS ANY CLAIM UNDER THIS GUARANTEE IS RECEIVED BY US BY XXX I.E. WITHIN 3 (THREE) MONTHS FROM THE DATE OF EXPIRY OF THE GUARANTEE AT XXXX ALL YOUR RIGHTS UNDER THIS GUARANTEE SHALL BE

FORFEITED AND WE SHALL BE RELEASED AND DISCHARGED FROM ALL LIABILITIES THEREUNDER.

DATED XXX, THIS xx.xx.20xx

(STAMP AND SIGNATURE OF ISSUING INSTITUTION)

NAME:

DESIGNATION

BRNACH CODE