

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

**TENDER REF NO.: -BEML/MCC/CAPEX24-25/RETENDERPBPOWER,
DT. 06.12.25, due on 13.12.25**

MANUAL TENDER DOCUMENT

For

**Tender For “Supply, Fitment, Installation Commissioning of Power
through cable & MCB/MCCB for Paint booth & Trolley as per BOQ
at Service Centre**

at

**BEML Limited Regional Office,
35/1A, Taratala Road, Kolkata.**

ISSUED BY

The Regional Head

BEML LIMITED

35/1-A, Taratala Road,

Kolkata – 700 088, West Bengal, India

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

TABLE OF CONTENTS

Sl. No.	Particulars	Page No.
01.	Table of Contents	2
02.	Invitation For Tender	3-5
03.	Details of Technical Bid	6-9
04.	General details of the Firm	10
05.	Tender Conditions Acceptance Letter	11
06.	Undertaking	12
07.	Revised Tender and General Conditions	13
08.	General Conditions of Contract	14-25
09.	Revised Special Conditions of Contract	26-36
10.	Cement co-efficient Schedule	37-38
11.	Particular Specifications	39-44
12.	BOQ	45

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

INVITATION FOR TENDER

INTRODUCTION:

BEML Limited, a Company incorporated under the Indian Companies Act, 1956, is a Public Sector undertaking, under the Ministry of Defense, having its Regional Office, BEML Limited, 35/1-A, Taratala Road, Kolkata, West Bengal – 700088, intends to tender for “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ at Service centre of Regional Office, BEML Limited, 35/1-A, Taratala Road Kolkata, West Bengal.

In this connection, BEML LIMITED invites offers in two bid open tender system (through –Manual Mode) for “Supply, Fitment, Installation, Commissioning of above at Service Centre & Stores at Regional Office, BEML, Taratala Road, Kolkata.”

2. Earnest Money Deposit (EMD):

a) **EMD amount of Rs. 4300/- (Rupees Four Thousand Three Hunderd only)** can be paid online or can be submitted in the form of Account Payee Demand Draft / Banker’s Cheque. **Exemption for EMD not applicable.** For online transfer account details is given below.

- b) **A/C no. - 00000010959186252**
 c) **NAME: BEML LTD.**
 d) **BRANCH: TARATALA INDUSTRIAL ESTATE (07026)**
 e) **IFS CODE: SBIN0007026**

b) EMD in the form of Account Payee Demand Draft (DD) / Banker’s Cheque for Rs. 4300/- (Rupees Four Thousand Three Hunderd only) drawn in favour of BEML Ltd, Kolkata payable at Kolkata.

c) The copy of above said Demand Draft DD / Banker’s Cheques shall be submitted in Manually at our office address before tender submission date and time.

Please attach the details duly filled-up for refund of EMD amount (for bidders who do not qualify in the Technical Bid) in the following format along with the DD / Banker’s Cheque for EMD;

BANK NAME	
BRANCH NAME	
CITY	
IFSC CODE	
ACCOUNT NO	
BENEFICIARY NAME	

The Regional Head
 BEML LIMITED
 35/1-A, Taratala Road,
 Kolkata – 700 088
 West Bengal, India.

BEML LIMITED

(A Government of India Undertaking)
35/1-A, Taratala Road
Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

Note: Bidder shall ensure that their original EMD (DD) are dispatched well in advance so that it reaches this office before the time and date stipulated. Requests will NOT be entertained for late receipts.

General Instructions with regard to EMD:

- a) Quotation submitted online without submission of EMD in-time will not be considered.
- b) EMD submitted in any other form will not be accepted and the offer is liable to be rejected.
- c) EMD lesser than Rs. 4300/- (Rupees Four Thousand Three Hundred only) will not be accepted and the quotation is liable to be rejected.
- d) EMD of technical disqualified bidders will be returned.
- e) EMD does not carry any interest on return.
- f) No responsibility will be taken for postal delay or non-delivery/non receipt of EMD.

Tenderers shall ensure that, the Demand Draft/Bankers Pay Order towards EMD in original shall reach the above said office on or before the closing date and time of the tender.

3. Completion Period: The period allowed for execution of the work is 7 days from the date of work order to be placed on the successful bidder.

4. Any queries/clarification / information / details regarding tender enquiry to be communicated only through email Id: saadique.akhtar@bemlltd.in, amritendu@bemlltd.in, Phone No: 033-24015287 / 24015286

5. The **quantities shown against each item are only approximate and hence any reduction / increase thereof during the execution of work shall not vitiate the contract. The company does not bind itself to accept the lowest or any other tender.**

6. The tender shall remain open for acceptance for a period of **90 days** from the date of opening of tenders.

7. **The tenderers shall visit the site and acquaint themselves with the conditions of the site prior to submission of tenders and no claims will be entertained later on the grounds of ignorance.**

8. Successful tenderer is required to employ qualified Engineer to supervise the work and they should be present when the work is under progress.

9. The successful tenderer is required to sign the work order prepared based on the quoted rates placed on him by the Accepting Officer.

10. The Accepting Officer reserves the right to place order as a whole or part of any item only as deemed fit.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

11. In case, the contractor / firm after quoting withdraw from the tender or refuse / delay in commencing the work or stop the work abruptly, their EMD will be forfeited.

12. Bidders exempted from Earnest Money Deposit (EMD) shall submit exemption certificate from Competent Authority.

13. Conditional tenders are liable to be rejected.

Important Notes:

The tenderer must have a Branch Office with telephone/Mobile/email/fax at Kolkata. If tenderer is not having branch office as mentioned above, then their offer will be summarily rejected. Tenderer must provide addresses for above Branch office.

Thanking you

Yours faithfully,
for BEML Limited

**Regional Head
Kolkata.**

BEML LIMITED

(A Government of India Undertaking)
35/1-A, Taratala Road
Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for
Paint booth & Trolley as per BOQ” at Service Centre

DETAILS OF TECHNICAL BID

Mode of submission and Documents

Sl. No.	Nature of Bid	Mode of submission	Documents required to be submitted by the bidder
Type of bid		Two bid system A- TECHNICAL COVER B- COMMERCIAL COVER (* BOTH ENVELOPES TO BE SEALED IN THIRD COVER MENTIONING TECHNO COMMERCIAL COVER. *TENDER TO BE SUBMITTED IN TO THE TENDER BOX KEPT IN REGIONAL OFFICE, KOLKATA MANUALLY WITH IN THE SUBMISSION DATE AND TIME. *TENDERS AFTER SUBMISSION DUE DATE & TIME WILL NOT BE ALLOWED TO SUBMIT THE TENDERS.)	
A	Technical Bid	1) Manual bid can be submitted in Technical cover (envelope) mentioning Technical Bid, Tender Reference, Due date, Tender No. , etc. Tenderers/bidders to submit their technical bids & the same will be opened on closing date. A copy of EMD submitted should also be submitted along with technical Bid. 2) EMD amount or exemption certificate received late on account of any reason whatsoever will be rejected. 3) However, technical bids of those firms who meet the technical qualification criteria in all aspects will only be considered for opening for commercial bid.	The complete tender documents shall be duly filled, signed along with the company seal, scanned and upload the requisite documents as per the Eligibility Criteria along with EMD amount or EMD Exemption certificate manually along with technical Bid.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

C	Commercial Bid	<p>1) ONLY PUT PRICE BID IN THIS COVER ON YOUR LETTER HEAD</p> <p>2) The commercial bids of only the shortlisted/ qualified Contractors will be opened.</p>	Commercial bid shall be submitted Manually as mentioned above.
	TENDER RELEASE DATE:	06.12.25	
	TENDER SUBMISSION DUE DATE AND TIME	13.12.25, WITHIN 3 PM AT BEML LIMITED, 35/1A TARATALA ROAD, KOLKATA 700088	

BEML LIMITED

(A Government of India Undertaking)
35/1-A, Taratala Road
Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

ELIGIBILITY CRITERIA OF TECHNICAL BID

In the Technical Bid, the firm has to furnish the following details / documents with regard to their experience etc.:

CREDENTIALS i.e., EXPERIENCE / FINANCIAL STATUS ETC.

ELIGIBILITY CRITERIA 1. Financial Position: Average Annual financial turnover during the last Three (3) years, ending 31st March of the previous financial year, should be at least 30% of estimated cost. (i.e. Rs.64500/-).

Details of Annual financial turnover during the last three (03) years, ending 31st March of the previous financial year.

NOTE: Copies of the Audited Balance sheet along with the Profit and loss statement for the last Three (03) years duly certified by auditor shall be scanned and uploaded along with the technical bid. Without which bid will be rejected.

ELIGIBILITY CRITERIA 2. Experience: Experience of having successfully completed similar works during last three (03) years. Upload order copy along with the technical bid.

- (i) Three similar completed works costing not less than the amount equal to 40% of the estimated cost each. (i.e. Rs.86000/-)
- Or**
- (ii) Two similar completed works costing not less than the amount equal to 50% of the estimated cost each. (i.e. Rs.107500/-)
- Or**
- (iii) One similar completed work costing not less than the amount equal to 80% of the estimated cost. (i.e. Rs.172000/-)

ELIGIBILITY CRITERIA 3. GEOGRAPHICAL PRESENCE:

THE Bidder should have local office/ registered office/ branch office at Kolkata, North 24 Pgs, South 24 Pgs & Howrah. The proof of establishment should be uploaded in the form of , electricity bill, Landline bill, Municipal Tax, Internet service provider bill, Rental / lease / purchase agreement copy (prior to tender release date) or any other Govt. document to prove the establishment within Kolkata, North 24 Pgs, South 24 Pgs & Howrah.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

ELIGIBILITY CRITERIA 4. The bidders are required to mention and submit copies of the following:

- (i) Please quote your PAN/GIR No.
(Registration Certificate of PAN/PAN Card/GIR issued by the IT Authorities shall be scanned and uploaded along with the technical bid)

- (ii) Please quote your ESI No.
(Registration Certificate issued by the ESI Authorities shall be scanned and uploaded along with the technical bid)

- (iii) Please quote your PF No.
(Registration Certificate issued by the PF Authorities shall be scanned and uploaded along with the technical bid)

- (iv) Please quote your GST No.
(Registration Certificate issued by the GST Authorities shall be scanned and uploaded along with the technical bid)

- (v) EMD details: Amount, DD No & date

ELIGIBILITY CRITERIA 5. The commercial bids of the tenderer who have submitted the satisfactory documentary evidence for the above requirements shall be opened. The commercial bids of other tenderer i.e., who does not qualify in the Technical requirements will not be opened and EMD shall be refunded.

ELIGIBILITY CRITERIA 6. The successful vendor has to submit necessary License of the Person who will execute the entire Work.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

ELIGIBILITY CRITERIA 7. Acceptance of entire scope of work.: Bidders are advised to read the scope of work carefully and give acceptance in the below mentioned format along with technical envelope. Ensure to quote the Price bid accordingly in Price bid envelope.

SL. NO.	BRIEF DESCRIPTION Of ITEM	TENTA TIVE QUANTI TY	UNIT	ACCEPTANCE OF UNDERSTANDING THE SCOPE OF WORK & SUPPLYING THE SAME AS PER SCOPE OF WORK OF THIS TENDER
ELECTRICAL				
1	Supplying and laying of 35 sqmm 4/5 core copper armoured cable.(L1, L2, L3, N, E) (Brand make: KEI, Glouster, Polycab and other equivalent make)	50.00	RM	ONLY MENTION (We accept)
2	Supplying, fitting & fixing of 415V 3-phase 160 Amp MCCB (4 POLE) with encloser. (Brand Make L & T and other equivalent make)	1.00	No.	ONLY MENTION (We accept)
3	Supplying, fitting & fixing of 415V 3-phase 25 Amp MCB with encloser. (Brand Make L & T and other equivalent make)	1.00	No.	ONLY MENTION (We accept)
4	Supplying and laying of 2.5 sqmm 4 core copper flexible cable. (Brand make: KEI, Glouster, Polycab and other equivalent make)(Panel to trolley)	15.00	RM	ONLY MENTION (We accept)
5	Supplying and laying of 2" dia GI pipe for cable in road crossing , including erthing, cementing Job if any.	25.00	RM	ONLY MENTION (We accept)
6	Providing, fitting & fixing 160Amp- FN L & T make main switch.	1.00	No.	ONLY MENTION (We accept)
7	Earthing to be proper / alluminum: 50 Sqmm	1.00	Item	ONLY MENTION (We accept)

Date:

Signature with date of Authorized signatory

Name: _____

Designation: _____

Firm's Seal: _____

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

DETAILS TO BE FILLED/ UPLOADED BY THE PARTICIPATING FIRM

(to be given on the Firm’s Company letter head)

Sl. No.	Description	Details to be filled/uploaded
1	Name of the Firm & Postal address for correspondence (With name of the Contact Person) with telephone number and email id.	
2	Address of Branch Office with telephone/Mobile/email/fax at Kolkata. (If tenderer is not having branch office as mentioned above, then their offer will be summarily rejected. Tenderer must provide addresses for above Branch office.)	
3	Bank Details like Bank account numbers & IFSC code with Banker’s Name, Address & Contact No.:	Bank account numbers :- IFSC Code: Banker’s Name :- Branch Name: Address :- Contact Number :-
4	GST Registration Number	

I / we hereby certify that all the information given above is factual.

Signature with date of Authorized signatory

Name: _____

Designation: _____

Firm’s Seal: _____

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

TENDER CONDITIONS ACCEPTANCE LETTER

(to be given on the Firm’s Company letter head)

To,
M/s. BEML Ltd,
35/1-A, Taratala Road
Kolkata-700 088.

Dear Sir,

Sub: Acceptance of terms and conditions of the tender

Tender Reference No._____

I/We have downloaded / obtained the tender documents for the above mentioned “Tender/Work from Beml Ltd namely “Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ at Service Centre at Regional Office, BEML, Taratala Road, Kolkata.”

As per your Tender,

2. I/ We hereby certify that I/We have read entire terms and conditions of the tender documents from the page **No.01 to 46** Which form the part of Contract agreement and I/we shall abide hereby the terms /conditions/clauses contained therein.

3. The corrigendum issued from time to time by your department/organization to have also been taken into consideration while submitting this acceptance letter.

4. I/We hereby unconditionally accept that the tender conditions of the above mentioned tender documents / corrigendum in its totality/entirety.

5. In case any provision of this tender are found violated, your department / organization shall be at liberty to reject this tender/bid including the forfeiture of the full said Earnest Money Deposit absolutely and we shall not have any claim/right against department in satisfaction of this condition.

Date:

Signature with date of Authorized signatory

Name: _____

Designation: _____

Firm’s Seal: _____

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

UNDERTAKING

(to be given on the Firm’s Company letter head)

This is to certify that _____ (Name of the Firm) has not been banned / black listed / debarred from Trade by any Central /State Govt. Dept. / Autonomous Institution / PSUs in India as on the date of submission of the bid.

I / we hereby certify that all the information given above is factual.

Signature with date of Authorized signatory

Name: _____

Designation: _____

Firm’s Seal: _____

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

REVISED TENDER AND GENERAL CONDITIONS

To,
M/s. BEML Ltd,
35/1-A, Taratala Road
Kolkata-700 088.

Sir,

I/We, the undersigned, do hereby tender to execute and fully complete the whole of the work set forth and described in the General Conditions, Specifications, Schedule of Prices and Bill of “Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre at Regional Office, BEML, Taratala Road, Kolkata” In accordance with the terms, conditions and obligations therein contained.

I/We, further agree to add to or deducting from contract sum, as the case may require, The net value of all deviations (additions and deductions) including non-tendered items, of the value of work completed, shall not exceed 20% of the approved contract value and 40 % in respect of any individual item, indicated in -BOQ. The value of such additions and deductions being calculated upon the prices for similar work set forth in the accompanying Bill of Quantities, or if similar work in the opinion of the Engineer in charge be not included in the Bill of Quantities then upon the price set forth in the Schedule of Prices attached hereto or as otherwise provided in the Clause-15 of the General Conditions.

I/We, also herewith send Rs. _____ by Receipt/Draft as Earnest Money as required and to enter further into a contract with the Company for the execution of the said works in conformity with the aforesaid General Conditions, Specifications, both preliminary as well as Standard Schedule of Prices, and Bill of Quantities and the Drawing accompanying to all of which I/We hereby give.....assent and concurrence.

I/We, also undertake to complete and hand over the same in a satisfactory manner to the BEML Limited, or its authorized representative within the period stipulated from the date of commencement of the work in accordance with Para-8 of General Conditions of the Contract, signed, sealed and delivered by the said this.....day of..... Two Thousand and..... in the presence of:

Yours faithfully,

(SIGNATURE)

Home address of the Contractor/Business Address:

WITNESS:

- 1.
- 2.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

GENERAL CONDITIONS

(UNDER WHICH THE WORKS HEREIN AFTER DESCRIBED ARE TO BE PERFORMED)

1. INTERPRETATION CLAUSE:

In these General Conditions and the Specifications attached, the word ‘COMPANY’ shall be held to mean ‘BEML LIMITED’, the work ‘CONTRACTOR’ shall be held to mean one or more contractor or contractors jointly or generally engaged in the works to which these General Conditions and the specifications relate, and shall include his/their heirs, executors and administrators. The word ‘ENGINEER-IN-CHARGE, shall be held to mean a Member of the staff of the BEML to supervise the work. The expression ‘SITE OF WORKS, shall be held to mean the extent of land which the Company places at the disposal of the Contractor from time to time for the purpose of executing the contract works. The word ‘ shall be held to mean ‘THE PLANS, SECTIONS, ELEVATIONS AND DETAILS OF WORKS’ annexed to the contract and such further , as the Engineer in charge may issue from time to time during the progress of the works and shall be held to include tracings and photographic prints. The word SPECIFICATIONS shall be held to include the tender General Conditions, Specifications, Schedule of Prices and Bill of Quantities.

2. SUFFICIENCY OF PRICED BILL OF QUANTITIES AND TENDER:

On the acceptance of this tender, the contractor shall forthwith satisfy himself as to the correctness and sufficiency of his tender for the works as well as all prices stated in the Bill of Quantities and the schedule of Prices and within SEVEN DAYS of the acceptance of his tender, he shall sign the contract which shall be construed and taken as an acknowledgement on his part of his complete satisfaction and acquiescence in the sufficiency of the prices. The amount of the tender shall be the sum at which the contractor engages to execute whole of the works set-forth in the Bill of Quantities, the contractor shall submit to the company, with his tender both Schedule of Prices and Bill of Quantities upon which the tender has been based fully and completely priced. Items left unpriced in the bill of Quantities shall be held to be included in the prices for other items of the work.

3. CONTRACTOR TO EXECUTE CONTRACT WITH THE COMPANY:

The successful contractor shall within SEVEN DAYS of the acceptance of his tender enter into and execute a formal indenture of contract to be prepared by the Company’s Solicitor. The contractor shall not be entitled to make any charges for perusal of the contract.

4. CONTRACT NOT TO BE ASSIGNED OR UNDERLET AND CONSEQUENCE OF GRATUITIES BEING GIVEN :

The contractor shall not assign or make over the contract to any other person, or underlet it, or make a sub-contract with any workmen or workman for the execution of any part of work(s), but shall employ his own workmen for the labour thereof, who shall be paid by him in wages by the day. And in case the Contractor assigns or makes over the contract, or underlet or make sub-contract, contrary to this clause or either himself or his agents give

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

any gratuity to any employee of the Company, the company shall be at liberty to terminate the contract.

5. TENDER OR AGREED RATE:

- The contractor shall agree not to petition for revision of rates tendered for by him under any circumstances at any stage of the work, either during execution or when the final claims are settled.
- In the event of anything evidently necessary to the due and complete performance of the works being omitted to be shown on the or described in the specification or being omitted from the Bill of Quantities through oversight or error, the contractor shall, notwithstanding, execute (in the most perfect manner) all such works the same as if they had been severally shown, described and included without being entitled to make any extra claim or charge.
- The contractor shall satisfy himself or shall be deemed to have satisfied himself as to the nature of the sub-soil, the three dimensions, levels, character and nature of all roads, existing drains, sewers, water, gas or other mains, electric cables and other things as regards any connection they may have with the works the subject of the contract, and he shall also inspect the site of the works and surroundings, the means of access there to and egress therefrom and shall generally obtain his own information on all matters and things which can in any manner influence his tender, No claims for extra works otherwise will be allowed in consequence of any misunderstandings, error or incorrect information on these points, or of any other in-accuracies in reference thereto, which may appear on the , or in the specification, nor shall the contract be nullified in consequence of any such misunderstanding, error incorrect information or in-accuracies.

6. ENGINEER IN CHARGE’S ORDERS TO COMMENCE WORKS AND AS TO NON-DELIVERY OF SITE :

The Contractor having signed the contract, the Chief Engineer will forthwith give him notice to commence the works and the contractor shall upon receipt of such notice, commence the works and carry them on at such point and points and in such portions as the Engineer in charge may direct.

The Company shall, with the Engineer in charge written order to commence the works, give to the contractor, the use of so much of the site of works, as may in the opinion of the Chief Engineer be required in order to enable the contractor to commence and continue the construction of the works, and shall from time to time as works proceed give the contractor the use of such further portions of such site as the Engineer in charge may from time to time consider proper in that behalf, but the non-delivery in manner aforesaid of the use of such site or any portion thereof shall not vitiate or affect the contract, nor any provision contained in the specification nor entitle the contractor to any increased allowance in respect of money.

7. SETTING OUT WORKS AND NOTICES:

BEML LIMITED
(A Government of India Undertaking)
35/1-A, Taratala Road
Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

The Contractor shall set out the whole of the works and be responsible for the correctness of the position, levels and dimensions of the several works, according to the and written instructions of the Engineer in charge. If at any time during the progress of the works any error shall appear or arise in the position, levels or dimensions of the several works, the contractors on being required to do so by the Engineer in charge, shall at his own expense remove and amend the works to the satisfaction of the Engineer in charge, notwithstanding that he may have been assisted by Engineer-In-Charge in setting out the same. The contractor shall observe, perform and comply with the requirements of all statutes and byelaws and shall also serve notice on the authorities having control of the road surfaces before the same are broken up and he shall likewise serve notices on the owners of the sewers, drains, water, gas or other mains, electric cables and other things which may be in any way affected by the execution of the contract work.

8. TIME OF WORKING (APPLIES ONLY FOR FACTORY AREA):

As the entry and exit of the workmen into the factory area is controlled by the Security Authorities of the Factory, the contractor should strictly adhere to the timings of entry and exit, laid down by the authorities and the rates quoted are deemed to include for this provision.

9. NIGHT WORKS:

The works shall be carried on day and night continuously without extra charge. If bad or treacherous ground be met with or if there be any other causes whatsoever, which in the judgment of the Engineer-In-Charge, requires, it, but no work shall be carried on in the night without the knowledge and sanction of the Engineer-in-charge.

10. WATCHMEN, LIGHTS, ETC., TO BE PROVIDED BY THE CONTRACTOR :

The Contractor, shall at his own cost provide night watchmen to all parts of the work where necessary required by the Engineer-in-charge,. He shall also keep all open trenches, excavation or other dangerous places properly and sufficiently lighted between sunset and sunrise, and shall provide and fix proper fencings and boarding and temporary bridges to protect and assist the public traffic. The contractor shall also at his own cost erect temporary fences on the site of works where required by the Engineer-in-charge.

11. TEST MATERIALS :

All the materials to be used in and on every part of the works shall be subjected from time to time to such tests as the Consultant and Engineer in charge may direct. Such tests shall be performed at the expense of the contractor but the Company shall refund to the Contractor the actual cost of testing any of the materials which are proved to conform with the conditions of the specifications but the samples shall be, in all cases, selected by the Engineer in charge, and supplied by the contractor as part of the contract. If, at any time, any materials so tested is not equal to the test for such materials, hereinafter specified, the same shall

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

be removed from the site of works, and other materials substituted therefor, but in the absence of any specified test, the decision of the Engineer in charge, shall be final as to whether the said material or materials shall be used in the works, or forthwith removed and other materials substituted.

12. MATERIALS, TOOLS ETC., BROUGHT ON TO WORKS TO BECOME PROPERTY OF COMPANY DURING CONTINUANCE OF CONTRACT:

All materials, tools, implements and other things brought by the Contractor upon Company's works shall there upon become and shall continue to be the absolute property of the Company and be considered in its possession, the Contractor having only the right of using the same for the purpose of the contract. After the works have been completed and all obligations under the contract duly fulfilled, the Company shall return to the Contractor the tools, implements and surplus or waste materials then remaining upon the Company's works to be removed by him forth-with and cleared away. Nevertheless, the Company shall not at any time be liable for the loss of any of the said materials, tools, implements or other things but the whole of this liability shall fall upon the Contractor, the same as if they had remained in his possession.

13. POWER TO VARY WORKS:

The Company shall have full power and authority from time to time, and at all times, to order works additional to the contract, and to make and issue such further and to give such further instructions and direction as may appear necessary or proper for the guidance of the contractor and the good and sufficient execution of the contract, and the contractor shall receive, execute, obey and be bound by the said further , instruction and directions, according to the true intent and meaning thereof and as fully and effectively as though they had accompanied, or had been mentioned or referred to in the original and specifications. The company shall also have power to vary or alter the levels or position of any of the works, the subject of this contract, or may order any of the works contemplated thereby to be omitted with or without the substitution, of any other works in lieu thereof, or may order any work, or any portion of work executed or partly executed , to be removed, changed or altered, and if needed that other work shall be substituted in lieu thereof and the difference of expense occasioned by any such increase, diminution or alterations so ordered and directed shall be added to or deducted from the amount of the contract agreeable to the prices for similar works set forth in the Bill of Quantities, or failing which the Schedule of Prices attached hereto, and in the absence of any such similar work being scheduled, the Engineer in charge shall determine the amount to be paid for such additions or deductions. The company will in no case become liable to the payment of any charge in respect of any such conditions, alteration or deviations, unless the instructions for the performance of the same shall have been given in writing and signed by the Engineer in charge , nor unless such instructions distinctly states that the matter thereof is to be subject of an extra or varied charge, in the form of an order hereinafter set forth nor unless the claim thereof shall be made in writing, signed by the Contractor and in the form of claim herein as set forth and properly filled up nor unless such claim be make within the week in which the work is executed and materials used, and before the same shall have been placed out of view, or beyond check of measurement, nor unless the value of any altered or varied works, or any further works shall wherever practicable have been determined and settled before such altered, varied or further works shall have been commenced. Such value in case of dispute shall be ascertained by the Engineer in charge , who shall determine in all cases whether such previous determination and

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

settlements were practicable or not, and in all the cases where he shall consider the same to have been practicable, the contractor shall not be entitled to make any claim in respect of such altered, or varied or further works if it shall, in the opinion of the Engineer in charge, if any special instance become necessary to execute any additional or substituted work, either wholly or in part by the day the claim therefor, shall not be recognized unless the contractor shall have delivered to the Engineer-in-charge, within one working day, and so on from day to day a true and exact list of the name, occupations, time and wages of the several workmen engaged during the previous day on any and every such works in respect of when a charge ‘BY THE DAY’ is intended to be made in the next succeeding weekly claim of contractor, Nevertheless, no charge ‘BY THE DAY’ shall be made unless, in the opinion of the Engineer in charge, it is impracticable or unreasonable to determine the value of the amount of work in manner otherwise provided for in these general conditions. All such instruction given by the Engineer in charge, shall be in the following form or as near there to as may be:

ORDER No:

CONTRACT No.

In pursuance of clause-15 of the General Conditions of contract and subject as there in mentioned, we request you to perform the under mentioned at the under mentioned price, namely :

SUCH WORK
BEING IN

ADDITIONAL TO
SUBSTITUTION FOR

WORK INCLUDED
IN THE

tender, and we request you to omit the under mentioned work at the under mentioned prices, viz.

DATE:

SIGNATURE OF THE
ENGINEER-IN-CHARGE.

AND every claim shall be made in the following form:

CLAIM No: _____ CONTRACT No. _____

Contractors claim under and subject to Clause-18 of the General Conditions of Contract for the week ended Saturday the _____ day of _____ in respect of other than contract work.

Work Claimed For		Number Of Engineer's Order	Price of Similar Work in Bill of Quantity of Schedule.		Where no Similar Work in Bill of Quantity Of Schedule.	Amount claimed Rs.
Quantity in Mtrs.	Description.		Number/ Number of items	Value of Item.	Schedule Price of Labour.	

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

DATE:

SIGNATURE OF THE CONTRACTOR ‘S

The claim shall be delivered to the Engineer-in-charge , for his examination before being transmitted by him to the Chief Engineer and shall be subject in all respect to the consideration, ratification and correction of the Chief Engineer who shall be at liberty to decide whether any such claim entitle the Contractor to any, and if so, what extra charges, according to the true meaning and intention of the specifications, and whether any and what allowance shall be made to the company in respect of any work or obligation to be performed under the contract and from the performance of which the contractor may be or become directly or consequently relived by reasons of any such additional or substituted works.

16. SUSPENSION OF WORK:

The Contractor(s) shall suspend the execution of work or any part or parts thereof whenever called upon in writing by the Chief Engineer to do so and shall not resume work thereon until so directed in writing by the Chief Engineer. The Contractor will be allowed by the Chief Engineer an Extension of time (not less than the period of suspension) for completion of the item or group of items of work for which a separate period of completion is given in the contract and of which the suspended work forms part but no other claims in this respect for completion or otherwise, however, shall be admitted. The contractors shall have no claim to any payment of compensation or otherwise, whatsoever on account of suspension of work.

17. WORKS TO BE EXECUTED IN APPROVED MANNER:

The works, the subject of the contract, specified and provided for or that they may be necessary to be done to form and complete any part thereof, shall be executed and completed in the best substantial manner, with materials of the best and most approved quality of their respective kinds agreeable to the particulars contained in or implied by the specification or as referred to and represented by the and memoranda thereon or as referred to by any of the said further and memoranda thereon or as referred to by any of the said further , instructions and directions and shall be to the full satisfaction of the Engineer in charge . The Engineer in charge, shall have full liberty at all reasonable time to inspect and examine the works, materials and workmanship, and may every such time reject any or all of such works, materials and workmanship which to him/them or either of them may appear defective, unfit or improper for the several purposes to which they are applied, or intended to be applied, or as not in accordance with the specification or the said , memoranda, instruction or directions respectively.

18. WORK TO BE CARRIED ON WITH EXPEDITION FAILING WHICH THE COMPANY MAY EMPLOY OTHER CONTRACTOR WITHOUT VITIATING THE CONTRACT:

The Contractor shall commence to carry on the works with due diligence, and as such expedition as the Engineer in charge, may reasonably expect, having regard to the specified time of completion of the whole of the works. In case the contractor fails to do so, or neglect

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

to provide proper and sufficient materials, or to employ a sufficient number of workmen to execute the work, then the company shall have full power, without vitiating the contract, to take the works wholly or in part out the hands of the contractor to engage or employ any other person or workmen to procure all requisite materials and implements for the due execution and completion of the said works, and the cost and charges incurred by the company in so doing shall be ascertained by the Chief Engineer and be paid for or allowed to the company by the contractor and it shall be competent for the Company to deduct the amount of such costs and charges along with overheads out of any sum or sums due or to become due from the company to the contractor under this or any other contract.

19. INFERIOR MATERIALS OR WORKMANSHIP TO BE AMENDED :

The materials as well as the workmanship and finish of the whole of the contract works shall be best of their kind and should any materials be brought upon the site of works or on any land or property of the company or on the places where the operations are being carried out in connection with the works, which in the judgment of the Engineer in charge , is of an inferior description and improper to be used in works, the said materials shall be removed. All inferior workmanship or finish shall be amended by and at the cost of the contractor forthwith, or within such period or periods as the Engineer in charge , may direct, and the contractor shall pull down, amend and reconstruct any work he may have erected upon an insecure or insufficient foundation or that he may have insufficiently secured and protected against immediate and future injuries, whether arising or likely to arise in future from weight, pressure action of water or otherwise, on being required to do so by the Engineer in charge . In case the contractor neglects or refuses to remove such materials or comply with such directions it shall be lawful for the Chief Engineer, on behalf of the company and by its agents, servants and workmen to remove the materials and amend the workmanship and finish, so objected, to, or any part thereof, and to replace the same with such other materials, workmanship and finish as shall be satisfactory to the company and on the certificate of the Chief Engineer to deduct the expense thereby incurred, or to which the company may be put or be liable or which may be incidental thereto, from the amount of any sum or sums due to or become due to contractor, or to recover the same by action at law or otherwise from the contractor as the company may determine.

When it is apparent to the Chief Engineer that defects exists in the work, or that damage or accident has occurred to the works, or that the works are not upheld or maintained in good sound and water right conditions, or repair or in working order, but the cause thereof is not apparent, a general requisition in writing by the Chief Engineer to the contractor to amend, make good or maintain the works in sound, perfect and water tight conditions shall be under no obligation to specify the work or repair, but such requisition shall be conclusive evidence against the contractor that he is not performing his obligations under the contract.

20. EMERGENCY POWERS:

In the event of any accident or failure occurring in or on the works, which, in the opinion of the Chief Engineer requires immediate attention either during construction or during the

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

period of maintenance the company may by their own or other workmen make necessary repairs at the expenses of the contractor.

21. OPENING TO BE MADE FOR EXAMINATION OF WORKS:

Should Engineer-in-charge require it for their more perfect satisfaction, the contractor shall at any period during the continuance of the contract, pull down any part of the work and make such openings, as to such extent through any part of the said work as the Engineer-in-charge, may direct and the contractor shall make such works good again to his or their satisfaction. Should the work be found faulty in any respect, the whole of the expenses thereby incurred shall be defrayed by the contractor but if otherwise by the company.

22. PRECAUTIONS AGAINST INJURY TO PROPERTY ADJACENT TO THE WORK IN PROGRESS:

The contractor shall take special care, by the erection of temporary fences and by every other means which circumstances may render necessary, to prevent all injury and damage to or trespass upon the lands, roads, fences or property adjacent to the site of works and shall confine the passage of his workmen to existing public roads, foot paths. He shall likewise pay and satisfy all claims whatsoever and from whomsoever, for temporary occupation, way-leaves, damages, the trespass or otherwise, in reference to the said lands, roads, fences and property adjacent and bear the company harmless from any and all such claims. If any greater extent of land than the site of work be required by the contractor for his operations, he shall obtain and occupy the same at his own cost and charge.

23. PRECAUTIONS AGAINST ACCIDENTS OR INJURY:

The Contractor shall, at his own expense, shore, sling, protect, support, alter, restore make good and maintain as may be necessary, all buildings, water and gas pipes, sewers, drains, electric cables and other things which may be disturbed, exposed or injured during the execution of works or in consequence of the execution of the works and shall also provide any extra timbering which may be temporarily required and all labour in fixing and removing the same and shall, at his own expenses provide for the continuous use of all buildings, pipes, sewers, drains electric cable, water sources and other things, the use of which may be liable to interruption during the progress of the work. The Contractor shall at his own expense restore all such buildings, water and gas pipes, sewers, drains, electric cables and other things to the satisfaction of the owners thereof and he shall likewise, at his own expense, construct and maintain such works as may be necessary for the due permanent support of all such buildings, pipe, sewers, drains, electric cables and other things met with in the construction of works, and shall indemnify, save, harmless and keep indemnified, the Company and its officers from and against all action, suits, claims, penalties, liabilities, cost, expenses and demands whatsoever, by reasons or on account of damage to such buildings, pipes, sewers, drains, electric cables and other things whether caused by the execution of the contract works or in the insufficiency of the aforesaid permanent support. The Company may deduct the expenses thereby incurred or to which the Company or its Officers may thereby be put or be liable or which may be incidental thereto from, the amount of any sum

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

or sums due or to become due to the contractor or may recover the same by action at law or otherwise from the contractor and the Company may compromise any such action suits or other proceedings, or such terms as it shall see fit and contractor shall thereupon forthwith pay the Company the sum or sums paid by the Company upon the occasion thereof, and shall in every case pay such sum or sums as shall fully indemnify the Company according to the present stipulation.

24. COVERING OF CONSTRUCTION SITE:

The Contractor shall, at his own expense, make arrangement to cover/wrap the construction site in mesh material of green color to prevent the dust from the escaping into the adjoining Properties or premises and atmosphere and also to prevent accidental fall of debris onto the people. The contractor at his own expense should make arrangement to remove the cover after completion of the work.

25. ROYALTIES:

The Contractor shall be liable to pay all royalties chargeable on Government or Company materials required for the work.

26. REJECTED MATERIALS:

All rejected materials will at once be removed from site by the contractor to such distance as may be desired, failing which the company after giving three days' notice in writing may do so and recover the cost of removal from the contractor.

27. COMPANY'S PLANT:

No Company's plant, materials or Labour will ordinarily be lent or hired to the contractor. Exceptional cases must have the approval of the company in writing.

28. SCOPE OF COMPLETION:

Completion includes completion of all work in accordance with the plans and specifications, removal of all yard mess accumulated during construction, leveling and cleaning up the site and generally cleaning the whole building or works.

29. FINAL MEASUREMENTS TIME:

The final measurement must invariably be preceded by a thorough re measurement of the whole of the work, performed which will be made by the company's authorized representative and at which the contractor or his accredited agent must be present. For this purpose, a written notice will be sent to him at least THREE DAYS before the date fixed for the measurements, appointing the day, hour and place of meeting. Should he not attend to this the measurements will proceed without him, and he will be precluded from making any protest.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

30. If a dispute arises between the company and contractor as to the quantity or quality of work, performed, involving sum larger than Rs.500.00, the contractor may appeal in writing to the company for re measurement or reappraisal, as the case may be. If the company considers that Contractors claim is valid, they may appoint an officer, other than the Officer who made the final measurement and inspection vide Paragraph-28 above, and his report shall be considered as final and binding on the contractor. The Contractor shall have a representative present when the re measurement or the appraisal is being made.
31. **ATTENTION:**
- i) Time will be the essence of the contract and the contractor is to complete the whole of the work in the time stated in the tender, subject to the schedule of conditions.
 - ii) The contractor is to provide at all times during the progress of work and the maintenance period proper means of access, with ladders, gangways, etc., and the necessary attendance to move and adopt as directed for the inspection of their representative (no separate rate will be allowed).
 - iii) The Contractor is to keep all persons under his control and within the boundaries of the site and he will be held responsible for the care of the works generally until their completion including all works executed and materials deposited in the sites by himself or suppliers, together with all risks arising from weather, carelessness of operatives, damages or loss by thefts or by any other cause, and is to allow for all necessary watching and protective lighting.
32. **LABOUR ACTS:**
- i. The Contractors shall employ labour in sufficient number to achieve the required rates of progress and quality to ensure best workmanship of the degree required under various specifications and to the satisfaction of Engineer-in-charge. The contractors shall remain liable for the payment of all wages or other remunerations to his labourers or employees under the Payment of Wages Act 1936, Minimum Wages Act 1948, Employers liability Act 1938, Workmen’s Compensation Act 1923, ESI Act 1948, or any other Acts or enactments relating thereto and rules framed there under from time to time. In the event, the contractor fails or neglects to pay any amount due by him under the workman’s compensation Act, ESI Act or other Labour Laws, the Company is entitled to withhold the same from any other amount payable by it to the contractor and remit the same to the authority concerned and such payment shall be binding on the contractor.
 - i) In the event of contract, the contractor shall be responsible for implementing the provision of the contractor Labour Act in to and also responsible for any repercussions arising there from for non-compliance thereof.
 - ii) The intending tenderers should quote their organization registration/code numbers for the registration with ESI/PF Authorities. It may be noted that other things being equal, preference will be given in the acceptance of tender to firms having independent registration with ESI/PF Authorities.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

- iii) BEML shall arrange to recover from the contractors bills requisite amounts of both Employer's and Employee's contribution for both ESI and PF calculated on the basis of 25% of the value being taken as the labour cost and recover such amounts from the respective bills and keep the same in suspense account. On production of requisite documentary evidence supporting payment of ESI/PF Authorities/supported by the acquaintance rills, the amount earlier recovered from contractor's bills shall be paid duly adjusting the shortfall in remittance, if any.
- iv) In the event of any accident/injury/disablement, the contractor shall arrange to pay the requisite compensation legally payable to the concerned employee/dependents and also indemnify to BEML in case of any claim arising therefore later.
- v) CONTRACTOR should employ only ESI Registered workmen on any item of work. If contractors have workman who have not yet been Registered under the ESI they should ensure that the workers have been duly registered before employing them in work.
- vi) CONTRACTORS should produce his MUSTER ROLL duly certified by Engineer-in-charge once in a month say before 5th of each month to the Pay roll section, so that the ESI amount can be ascertained and recovered/payment obtained irrespective of the fact whether work order is issued or not.
- vii) If there is any default on the part of the contractor, an estimated amount towards ESI liability including the would be penalty/damage, will be recovered by the company from the bills of the contractors.
- viii) CONTRACTORS should maintain all registers and records required for ESI, PF Payment of wages, etc., under the statutes and produce them for verification as and when called for by company inspecting Authorities.
- ix) THE contractor shall disperse the wages to the workmen in the presence of the authorized representative of the company.
- ii. CONTRACT Labour (Regulation and Abolition) Act 1970 under section 12 and Rule 21 prescribes that every contractor who employs labour for executing contract works should obtain license from Labour Authorities to carry out any works contract, so that the labourers employed by the contractor are not deprived of the facilities provided under the Act. Such license shall be produced to BEML Authority before commencement of the work.

33. TRAINING APPRENTICES:

The CONTRACTOR shall comply with the provision of the Apprentices Act 1961 and the rules and order issued there under from time to time. If he fails to do so his failure will be a breach of contract and the Accepting Officer may in his discretion cancel the contract. The

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

contractor shall also be liable for any pecuniary liability arising on account of any violation by him of the provision of the Act.

34. FAIR WAGES:

The Contractor shall not pay less than fair wage to labourers, workmen engaged by him on the work. Fair wages means wage for the various categories of labour, workmen, fixed from time to time by the labour authorities of the area. The contractor shall ascertain the minimum fair wages prevailing in the area before submitting his tender. The Contractor should also abide by labour regulations in regard to the payment of wages, wage period, fines and deductions from wages, maintenance of wage book, wage slip, publication of scales of wage and other terms of employment, inspection and submission of periodical returns and all other matter relating to labour rule in force.

35. DISPUTE RESOLUTION AND JURISDICTION:

All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of the contract or the breach thereof arising during the progress of work or after completion or abandonment thereof shall be mutually discussed and settled amicably by conciliation Committees/ Councils comprising of independent subject experts constituted by BEML, failing which, the dispute shall be settled by arbitration consisting of sole arbitrator appointed by the Company in accordance with the provisions of Arbitration and Conciliation Act 1996 and the arbitration proceedings shall be conducted at the place of awarding of original contract.

The court at the place of awarding of contract only shall have jurisdiction to entertain any dispute/matter relating to the contract

In case of any dispute between the Company and any other Public Sector / Government department relating to the interpretation and application of the provisions of the contract, such disputes / differences shall be referred by either party to the arbitration of one of the arbitrators in the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 and amendment thereof shall not be applicable to this clause. Any party aggrieved by such award, shall make further reference to the Ministry of Law and Justice, Government of India.

In case BEML challenges the Arbitral Award passed against it, 75% of the award may be paid to the contractor / concessionaire against Bank Guarantee without prejudice to the final order of the Court in the matter under challenge. The payment may be made into a designated Escrow Account with the stipulation that the amount so released will be used, first, for payment of lenders' dues, second, for completion of the project and then for completion of other projects of BEML, as mutually agreed / decided. Any balance remaining in the Escrow Account subsequent to settlement of lenders' dues and completion of projects of BEML, may be allowed to be used by the contractor / concessionaire with the prior approval of the lead banker and BEML.

In case the subsequent court order required refund of the money paid by BEML to the contractor / concessionaire against Bank Guarantee, the amount shall be refunded by the contractor / concessionaire along with appropriate interest. The rate of interest on such refund amount shall be decided by BEML keeping in view the cost of capital to BEML or the rate of interest provided for in the Contract Agreement or the rate of interest awarded under the Arbitral Award under challenge.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

REVISED SPECIAL CONDITIONS

1. The tender shall remain open for acceptance for a period of 90 days from the date on which the tenders are due to be submitted.
2. The contractor shall visit the site to acquaint himself with site conditions and study the and specifications in detail prior to tendering, and no claims will be entertained later on the ground of ignorance or otherwise of the conditions under which the work shall have to be executed.
3. The contractor shall arrange for at least one qualified Engineer with experience in similar construction work to be at the work spot throughout the period of construction to ensure correct undertaking and execution of the work as per and specifications.
4. The setting of the building shall be done by the contractor himself, All measurements shall comply with the dimensions noted on the . The contractor shall construct centre line pillars and Bench Marks wherever necessary at his own cost and the setting out shall be got checked, approved and certified by the Engineer-in-charge before execution of the work.
5. Foundations shall generally conform to the dimension indicated on the , unless the nature of soil after excavation examined by the Engineer-in-charge , of works necessitates modifications. The foundation trenches for RCC columns and walls after excavation indicated on the drawing shall be got inspected, approved and certificated by the Engineer-in-charge of works before laying concrete.
6. Provision shall be made during the progress of work for embedding Electric conduits etc., wherever necessary as directed. Openings shall be left for service lines, machine foundations, as required and as per instructions of the Engineer-in-charge.
7. Care shall be taken in execution of work not to damage service lines etc., coming in the way of construction. If any damage is caused in the lines, the cost of replacing or repairs shall be borne by the contractor.
8. CONTRACTOR(S) shall provide himself/themselves with requisite number of welding sets, mixers with hoppers, vibrators builders hoist, Tools, meters and testing equipment's, transport vehicles, etc., required for the complete satisfactory execution of work.
9. **WATER:**

While Company shall make all endeavors to supply water to the Contractors on a chargeable basis, the Contractors should examine the possibility of making their own arrangements for the water required for construction activities. It is suggested that the Contractors could drill required number of boreholes from where available water could be used by them by pumping the same for the Construction activities. In such a case, the borewell sunk by the

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

Contractors shall remain the property of the company. After completion of the work, the Contractors will not be charged for the water which he consumes from such bore wells.

- i) If the nature of the soil encountered with demands the use of casing pipes for the borewells, the contractor has to provide casing pipes to enable him to draw water from the borewell, and the contractor shall hand over the borewell with such casing pipes to the company for which no extra payment would be made. The contractor could however with draw the pumping sets and other accessories used by him for pumping water out of the bore wells.
- ii) Where the contractor does not draw water from company’s source and makes his own arrangement for water required for the work, as certified by the Engineer-in-charge, then no recovery shall be effected from the contractor’s bill.
- iii) In Case company supplies water for construction purpose, water shall be supplied at a single point as near as possible to the work spot, from which the contractor has to draw his own distribution system. The following procedure shall be followed for recovery of the cost of water so consumed by the contractor.
- iv) A meter shall be installed by the contractor at his own cost which shall be duly certified for calibration. Based on the meter readings recovery shall be effected at the prevailing rates of Kolkata Water Supply Board.
- v) In Case contractor is not able to install a meter due to various circumstances or the meter fixed mal-functions, and he continues to draw water supplied by the company, the recovery towards water shall be effected based on the quantity of water consumed which would be assessed as follows :
 - a) For Building works involving excessive use of cement like construction of buildings, Hangars, Concrete hard standing, etc., consumption of water will be calculated at the rate of 455 liters per bag of cement consumed for the work (including wastage) and this consumption shall be charged as per rates stipulated in the contract.
 - b) For such works where consumption of cement is negligible like construction of Roads, and this consumption of the water shall be at the rate of 0.5% of the value of the contract as per the final bill.
 - c) The water supplied by the company shall be used only for bonafide work as directed by Engineer-In-charge .,
 - d)

10. POWER SUPPLY TO THE CONTRACTORS :

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

Electricity required for the work may be arranged by the contractor at his own cost. However it may be provided at a nearest point by BEML on request based on availability at the prevailing rates supplied by Kolkata Electricity Board and the amount will be recovered from the contractors running bills. If necessary the contractor may install a separate energy meter at his own cost. However, contractor has to make his own arrangement to work during power failures/non-availability of power. Non-availability of power will not be a reason for delay in works

11. TAXES:

WHATEVER Taxes and duties, as applicable, chargeable in respect of this contract whether by the Central or State Government shall be borne by the contractor(s) and the price quoted shall be inclusive of such taxes, cess or any other statutory duties or taxes payable by them and price quoted shall be firm and shall be inclusive of such duties and taxes. WHEREVER Taxes are deductible at source, the company will recover the amount as per the statutory requirement.

12. THE Contractor shall agree to execute the work progressively in co-ordination with the concerned officers or shop supervisors and as directed by Engineer-in-charge..
13. THE specifications contained in the MES Schedule (referred to in the tender) in appropriate sections shall apply to this contract to the extent applicable, Cement co-efficient shall also form part of MES Schedule.

14. VALUATION OF DEVIATIONS:

Every deviation shall be subject to the limits specified as under:

- a. The net value of all deviations (additions and deductions) including non-tendered items, of the value of work completed, shall not exceed 20% of the approved contract value and 40% in respect of any individual item, indicated in schedule A-BOQ
- b. In case of non-tendered items, the total value of such non tendered items shall not exceed 5% of the approved contract value.

The basis for ascertaining the non-tendered items shall be as follows:

- (i) The value of all deviations shall be ascertained by measurements, on the basis of the rates or prices for similar work in the bill of quantities of the same contract in so far as such rates or prices apply.
- (ii) Where the rates or prices in Bill of Quantities do not apply, the value shall be based upon rates or prices deduced there from to the extent practicable to do so.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

- (iii) The rates for NT items shall be based on the SSR rates after proportionate adjustment in comparison with the tendered rates of like items in the contract. The basis to be adopted for working out the NT rate is the comparison of the NT item with similar trade item in the bill of Quantity for which the contractor has quoted.
- (iv) wherever NT items cannot be deduced from the like items quoted in the tender or SSR rates, market rate shall be allowed based on vouchers/invoices as per the actual including transportation, labour etc., plus 10% overheads and the labour rate shall be taken as per minimum wages in force, based on the recommendations of the Chief Engineer.
- (v) As a last resort a tender shall be floated to ascertain the rate for NT items. All Deviations in contracts for works including non-tendered items shall be approved by the Competent Authority as per DoP within the limits prescribed in the contract. The deviations and NT items shall be technically checked and processed by the respective "Engineer-in-charge " in concurrence with Finance Department of the respective division.

15. PROVISION OF FITTING/FIXTURES OF DIFFERENT MAKE:

The contractor shall provide the same make of fittings/fixtures specified in the tender documents unless he has quoted for other equivalent for genuine reasons. In case due to exigency of the work and difficult market conditions, the contractor is not able to provide the same make, he shall be allowed to provide equivalent approved make subject to his obtaining the concurrence of the Chief Engineer for the price adjustment as between the quotation and the purchase price for the item involved. The base for reckoning shall be the date of purchase. The contractor shall produce purchase invoice as a proof of expenditure for the items other than those specified in the tender documents allowed for incorporation in the work. Construction Department in respective Divisions/Regional/District Offices shall ensure the reasonableness of the rate in the purchase bill produced by the contractor. The price adjustment shall be the difference between the two makes on the date of purchase.

16. The Company reserves the right to accept the tender in parts i.e. on the basis of lowest quotation in each part or as a whole, at its own discretion and hence it is important that the tenders take sufficient care and quote reasonable rates in each part, so that if one part only is separated and entrusted to one Contractor he should be able to do it without difficulty. The rates quoted for similar items should be consistent. THE company also reserves the right to accept the lowest or any other tender at its discretion without assigning any reasons whatsoever.

17. EXTENSION OF TIME:

Time is the essence of the contract. The contractor is bound to complete the work within the stipulated time. The Chief Engineer has to assess the delay arising out of default of the contractor. Where the delay is due to default of the contractor, and if there is no financial

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

loss due to such delay, the Chief Engineer can recommend for grant of extension of time by the same authority who accepted the tender/awarded the contract, subject to recording the reasons for granting such extension of time.

Where the delay is due to default of the contractor, and if there is a financial loss due to such delay, the extension of time requires the approval of Competent Authority. In the absence of Competent Authority approval, Liquidated Damages for delay in completion of the work shall become enforceable.

Where the delay is not due to default of the contractor, for example: - a) not providing clear work front to the contractor by the Company, b) Company's delay in decision making for changes relating to original work., etc. necessary extension of time shall be granted with the approval of Competent Authority, as per DoP without sanctioning escalation claimed by the contractor except statutory levies.

Extension of time when granted with the approval of the Competent Authority as per Company's Delegation of Powers shall have the effect of rendering the clause Liquidated Damages for delay in completion work' inoperative up to the period of extension of time so granted unless otherwise specifically stated.

18. LIQUIDATED DAMAGES FOR DELAY IN COMPLETION OF WORKS

In case the Contractor fails to complete the works and clear the site on or before the stipulated time mentioned in the Work order he shall without prejudice to any other right or remedy of the Company in this behalf pay, as agreed Liquidated Damages and not as penalty, pay sum equal to 0.5% of the Contract sum (excluding non-tendered/extra items, if any) for every week's delay subject to maximum of 10% of the total final bill value of the Contract.

Liquidated Damages shall be applicable in the following cases:

- a) where the contractor fails to complete the work within the stipulated time;
- b) where the extension of time is granted with levy of LD;
- c) Where extension of time is granted without levy of LD but the contractor has failed to complete the work within the extended period.

The amount of Liquidated Damages shall be adjusted or set off against any sum payable to the contractor under this or any other contract/s awarded by the Company.

In case where the contract is subjected to levy of LD, the Chief Engineer shall be the authorized person to issue 'Work Completion Certificate', which shall be final and binding the Company as well as the Contractor concerned.

19. FORE-CLOSURE OF CONTRACT:

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

It shall be noted that at any time after acceptance of the tender, the Company can decide to abandon or reduce the scope of work for any reason whatsoever, the Chief Engineer shall give notice in writing to that effect to the contractor. The compensation, if any, payable for such foreclosure of work shall be discussed mutually between the Company and the contractor and settled after taking into consideration the loss suffered by the contractor on account of foreclosure of the contract. The contractor shall have no claim for any compensation whatsoever on account of any profit or advantage which he might have derived consequent to foreclosure of the whole or part of the works. The Company shall have the option to take over the contractor’s materials or any part thereof, either brought to the site. The amount of compensation payable to the contractor due to foreclosure shall be decided by the authority one level above the level of the authority competent to award the contract, or by the CMD.

20. BEML revised General Conditions together with BEML specifications will form part of the contract. Should there be any discrepancy between the provision in the Bill of quantities and , the former shall be deemed to take precedence there over.
21. No modification or change of specifications in the bill of quantities shall normally be accepted and such changes are to be rejected. Acceptance of such deviations shall be at the discretion of the Engineer-in-charge.

22. **EARNEST MONEY DEPOSIT:**

TENDERES should submit their tender accompanied by EMD of value indicated in the tender. It should be paid by bank draft or Bankers Cheque drawn in favour of the Company along with tenders. Tender without Earnest money deposit will be rejected. On finalization of the tender, Earnest money deposit will be refunded to unsuccessful tenderers under proper acknowledgment.

In case, the contractor/firm after quoting, withdraws from the tender or refuse/delay in commencing the work or stop the work abruptly, their EMD/ SD, as the case may be, will be forfeited. No interest amount is payable on EMD.

23. **SECURITY DEPOSIT:**

The successful tenderer shall be required to furnish security deposit for the fulfillment of contract and amount shall be 10% of the value of the contract, to be paid by the contractor. No waiver can be allowed in this regard. Such security deposit shall not entail any interest payment on refund.

The contractor shall choose any one of the following options for payment of security deposit in writing as under:

- (i) The contractor shall within 30 days of acceptance of the contract deposit the difference between Earnest Money and full Security Deposit by Demand Draft/Banker’s cheque drawn

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

on any of the commercial bank made in favour of Company. PEMD held with BEML cannot be considered for such adjustment in the Security Deposit payable by the contractor.

(ii) Bank guarantee from any commercial bank equivalent to the amount of security deposit valid for a period required by BEML shall also be accepted.

(iii) Security Deposit amount shall be deducted from the running bills of the contractor at the rate of 10% or higher of the gross value of each bill. However, the entire security deposit amount shall be deducted before completion of 90% of work.

The above deposit shall be held by the Company as security for the satisfactory performance of the contract. All compensations or other sums or money payable by the contractor to the Company under the terms and conditions of this contract shall be deducted from this security deposit or from any other sums that shall be due, or shall become due to the contractor by the Company on any account whatsoever and in the event of the security deposit being reduced by reasons of any such deductions the contractor shall within ten days thereafter make good these deductions.

23.1 REFUND OF SECURITY DEPOSIT

The above 100% of the security deposit shall be refunded to the contractor on written demand from the contractor after the expiry of the DEFECT LIABILITY PERIOD or on payment of final bill whichever is later, with the recommendation of the Chief Engineer, provided the Chief Engineer is satisfied that there are no dues outstanding against the contractor.

If the Security Deposit is in the form of Bank Guarantee, on completion of the contract, the BG already with BEML will be returned to the contractor. The contractor has to then submit a fresh Bank Guarantee for 50% of the security deposit value valid for a period of 05 (Five) years from the actual date of completion of the entire contract shall be deposited by the contractor.

Any refund of security deposit shall be made only with the recommendation of the Chief Engineer.

24. RUNNING ACCOUNT REMITTANCE: (RAR)

During the progress of work, contractor shall submit the claims giving complete details of work done, rate and value to the Engineer-in-charge, nominated by Chief Engineer who shall certify the rate and quantity as per the MB and prepare a statement showing the description and quantity for which he recommends payment. These claims are called RAR bills and RAR payments are made once in a calendar month or more depending upon the periodicity of contract/progress of work.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

Where the RAR payment is based on the measurements recorded in the MB, the recommendation for payment shall be stage-wise co-related with the bill of quantities.

Due to technical reasons, where pro-rata payments on stage-wise progress of work is considered necessary though not specified in the contract, the Chief Engineer with the approval of competent authority, shall decide the number/type of stages correlating with the bill of quantities and submit a statement showing the stage-wise break-up of the contract value indicating work progress details including percentage of completion, cost, and remarks, if any, of the Engineer-in-charge with a copy to Accounts in the respective Division for regulating the quantity and payment. This shall form the basis for the Engineer-in-charge to prepare a bill for actual progress of work. The basis as decided above shall uniformly be adopted for regulating all RAR payments till the final bill is submitted.

However, in respect of hidden works, recording of measurements in MB shall invariably be made then and there and the MB produced to Accounts at the time of RAR payment.

Accounts shall arrange payment for RAR bills within a fortnight's time from the date of receipt based on the certification of the Engineer-in-charge and after necessary check/verification.

As per Expenditure ManaSRMent Commission, Government of India, in large projects above Rs.10.0 Crore, 50% of running bill amount shall be released within 7 days of submission without a detailed check on the claim. The balance shall be released after the claim is scrutinized as per procedure in order to get more competitive bids and for speedy execution as cash flow is a critical requirement in a project.

The contractor shall also be paid 'Material Advance' for the material brought to site for incorporation in the work duly certified by the Engineer-in-charge. For such materials brought inside by the contractor, the contractor has to produce necessary test certificates from reputed Testing Laboratories for steel and hypothecation deed duly executed by the contractor in favour of the Company on a non-judicial stamp paper of requisite value.

Payment of 'Material Advance' shall be recommended by the Engineer-in-charge for materials required to be used in the works as per the planned progress of work. However, payment of material advance against materials brought to site by the contractor ahead of scheduled progress of work shall be considered not exceeding 75% of the value of such material in exceptional cases with the approval of Competent Authority, with justification recorded in writing.

RAR payments shall be regulated to the extent of the value of work done, with due adjustments for recoveries and other payments (including material advance/adhoc payments made if any) effected so far against the contract.

25. PRE FINAL RARs

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

Pre-final RAR is raised only when the work is completed and the complete measurement is recorded in the MBs by the Engineer-in-charge designated by Chief Engineer duly accepted by the contractor.

Pre-final RAR shall be sent to the Accounts Department by the Engineer-in-charge Only after Technical check of the measurements and endorsement in the MBs by the Chief Engineer.

The Engineer-in-charge, shall recommend for payment not exceeding 90% of the value of work completed with due adjustments for recoveries and RAR payments (including Material advance if any) effected so far against the contract.

Such bills shall be paid within 2 weeks from the date of their receipt in the Finance Department after scrutiny and check for the correctness of the bill duly linking up with the MBs.

The recommendation of Pre-final RAR is based on the discretion of the Chief Engineer on case to case basis.

26. ADHOC PAYMENTS:

If payment for final bill could not be arranged within 5 months from the date of the completion of the contract for genuine reasons other than undue delay in submitting the final bill by the contractor, an Adhoc payment not exceeding 90% of the value of the work done after making all necessary deductions for statutory dues, RAR payments, Material advances if any paid, shall be recommended by the Chief Engineer with the approval of respective Complex chief/ respective Business Group Director. Such Adhoc payment can be recommended only if the contractor is having concurrent running contracts in the Complex.

The following guide-lines shall be adopted while making such adhoc payment;

- Such payment shall not exceed 90% of the final bill value.
- All conditions of contract and recoveries to be effected shall be taken care before effecting Adhoc payment.
- If a contractor has no other contract concurrently running in the Complex, adhoc payment need not be made. Instead, final bill shall be expedited and paid at least within six months from the date of completion of the contract.

27. COMPLETION CERTIFICATE:

As soon as the Contractor completes the work assigned to him the same shall be inspected and if found satisfactory shall be taken over by the Chief Engineer. A "Completion Certificate" shall be issued to the contractor within 30 days from the date the contractor has given request for the same. If there are minor defects which can be rectified even after the building has been taken over, the defects shall be listed out and the contractor shall be asked

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

to rectify the same before the final bill is submitted. The final bill along with the completion certificate duly certified by the Engineer in charge, shall be submitted to Finance Department for payment. The completion certificate shall have the following details:

- a) Particulars of the work and Contract Number,
- b) The date of work order to commence the work,
- c) Date of completion as per original contract agreement,
- d) Actual work done value.
- e) Extension of time if any, granted,
- f) Date on which contractor was required to complete the work,
- g) Actual date of completion and taking over by BEML.

28. FINAL BILL:

On completion of the work and the recording of measurements in the MBs, a final bill shall be submitted by the contractor. On receipt of the final bill duly signed by the contractor, the same shall be scrutinized by the Engineer-in-charge to see that the claim is in order.

The final bill prepared by the Department and accepted by the contractor, shall be accompanied with the following documents:

- Original Completion certificate
- A statement showing stores issued for incorporation in the work, stores actually incorporated by the contractor, theoretical quantity of stores required for work and whether there has been any over issue/under issue of the stores to the contractors.
- No claim certificate duly signed by the contractor
- Original Contractor's All Risk Insurance Policy covering up to the actual date of completion of work.
- Contract Agreement
- Revised estimate as duly approved by Competent Authority.
- ESI & PF statement duly co-ordinated by Welfare Section.
- Measurement books duly technically checked by Engineer in charge.
- Any other documents which are specified by the Management from time to time.

The Engineer-in-charge has to certify in the work Completion certificate as well as in the Measurement Book, that the work is executed in conformity with the contract specification, and other conditions. The final bill duly checked and co-ordinated by the Engineer-in-charge shall be sent to the Finance Department through Chief Engineer along with the documents stated above.

29. DEFECT LIABILITY PERIOD:

The period of maintenance for the subject work shall be Two Years.

During this period, the contractor shall be responsible to rectify all the defects noticed and attributable to the work done by him in respect of works executed by him. As soon as any defect in the work come to the notice, the Chief Engineer shall inform the contractor, in

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

writing, to rectify the defect and inform him that in case he fails to do so within a reasonable time, the Company would rectify the defects at his risk and expense as per the conditions of the contract.

If the contractor does not attend to the rectifications in spite of repeated requests, the Company shall proceed at his risk and expense and get the work completed. The cost incurred by the Company shall be recovered from the defaulting contractor. The Company shall forfeit the Security Deposit retained and adjust this amount against the expenses so incurred. The balance amount, if any, after recovering the expenses incurred shall be refunded to the contractor. In case the amount available is insufficient to cover the expenses in full, that portion of the expenditure still remaining unadjusted shall be recovered from any of the subsequent bills due for payment to the contractor against any other contract.

Even after such adjustments, the amount available is insufficient to cover the expenses in full, the Company reserves the right to take legal course of action to recover such unadjusted amount.

30. CONTRACTORS LIABILITY AND INSURANCE:

From commencement to completion of the works, the contractor shall take full responsibility taking precautions to prevent loss or damage. He shall be liable for any damage or loss that shall happen to the works or any part thereof.

In addition, the contractor shall indemnify and keep the Company indemnified against all losses and claims for injuries or damages to any person or any property whatsoever which shall arise out of or in consequence of the construction works. For this purpose, the contractor shall take an insurance policy- "**Contractors All Risks Insurance**"- to cover the risks, as per the Conditions of the Contract. The insurance policy has to be kept valid till the work is completed and the possession handed over to the Company. The policy shall be taken at his cost showing the Company as the 'principal' to simplify the work in the matter of raising claims and settlement thereof.

31. MATERIALS obtained from demolition/dismantling work shall remain with the Contractor at his own risk till such time the Contractor removes them to BEML stores or as directed within 10 days from the date of completion. If he fails to remove such dismantled materials to BEML stores or as directed within 10 days from the date of completion, the Engineer-in-charge will be entitled to remove them at the risk and cost of the Contractor.
32. THE various provisions in this special condition shall be deemed to take precedence over those in General conditions/specifications to the extent applicable.
33. The quoted rate is deemed to include for execution of work in a phased manner/part by part if necessary and as directed by BEML and no extension of time nor extra claims shall be entertained in the regard.

I/WE AGREE TO EXECUTE THE ABOVE AS PER SPECIFICATIONS OF BEML WITHIN THE STIPULATED TIME FROM THE DATE OF ISSUE OF WORK ORDER. I/WE ARE ENCLOSING HEREWITH A RECEIPT/DRAFT

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

NO. _____ DTD. _____ FOR
RS. _____ TOWARDS EARNEST MONEY DEPOSIT, ADHERING TO
THE REVISED SPECIAL CONDITIONS (1987) AND REVISED CONDITIONS
MENTIONED.

CEMENT CO-EFFICIENT SCHEDULE:

Sl. No.	Description	Unit	Cement in Kgs
01.	CC 1:1.5:3 Types A1 & A2	CM	403.50
02.	CC 1:2:4 Types B1 & B2	CM	320.80
03.	CC 1:3:6 Types C1 & C2	CM	216.20
04.	CC 1:4:8 Types A1 & A2	CM	170.00
05.	CC 1:5:10 Types DE2	CM	129.20
06.	Brick work in (one brick) CM 1:6	CM	49.34
07.	Brick work in (½ brick) CM 1: 4	CM	63.51
08.	Damp proof course in CM (1:2) 10mm thick	SM	7.19
09.	Damp proof course in CM (1:2) 15mm thick	SM	10.81
10.	Walling of random or polygonal rubble in gauged mortar 1:1:6	CM	89.69
11.	Size stone in gauged mortar 1:1:6	CM	62.79
12.	Walling of random or polygonal rubble in CM 1:4	CM	143.50
13.	Size stone masonry in CM 1:4 in foundation	CM	89.69
14.	Size stone in CM 1:4 in basement and superstructure with joints neatly dressed.	CM	80.72
15.	Size stone masonry in CM 1:6 in foundation	CM	62.79
16.	Size stone masonry in CM 1:6 in superstructure.	CM	56.66
17.	Size stone masonry in CM 1:8 in foundation	CM	51.13
18.	Rendering or screeding 10mm thick in brick/concrete in CM 1:2	SM	7.80

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

19.	Rendering or screeding 10mm thick in brick/concrete in CM 1:3	SM	6.24
20.	Rendering or screeding 10mm thick in brick/concrete in CM 1:4	SM	5.04
21.	Rendering or screeding 10mm thick in brick/concrete in CM 1:6	SM	2.58
22.	Rendering or screeding 10mm thick stone masonry in CM 1:2	SM	9.08
23.	Rendering or screeding 10mm thick stone masonry in CM 1:3	SM	7.28
24.	Rendering or screeding 10mm thick stone masonry in CM 1:4	SM	5.90
25.	Rendering or screeding 10mm thick stone masonry in CM 1:6	SM	4.42
26.	Pointing to block squared rubble coursed or un coursed in CM 1:2	SM	3.88
27.	Pointing to block squared rubble coursed or un coursed in CM 1:3	SM	2.95
28.	Pointing to block squared rubble coursed or un coursed in CM 1:4	SM	2.46
29.	Pointing to block random rubble in CM 1:2	SM	4.87
30.	Pointing to block random rubble in CM 1:3	SM	3.66
31.	Pointing to block random rubble in CM 1:4	SM	3.06

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

PARTICULAR SPECIFICATIONS

1. GENERAL:

These particular Specifications are to be read in conjunction with the specifications contained in the MES Standard Schedule of Rates 2010, i.e. PART I - Specifications and PART II-Rates, including errata (here-in-after referred to as the MES Schedule) and specifications given hereunder and the mentioned in these documents, rates and specifications thereon shall be deemed to apply to the works unless mentioned otherwise in the tender documents. In case of discrepancy between the documents, viz., Bill of Quantities, Particular specifications and , the following order of precedence shall be followed:

- (a) Bill of Quantities
- (b) Particular specifications

2. SCOPE OF THE CONTRACT:

THE contract comprises full, final and entire completion of Subject Work all as shown in BOQ and as described in these Particular Specifications and detailed given in the list of enclosed hereto and also subject to the General and Special Conditions of Contract. The work shall be completed in stipulated period.

THE time for completion is to be reckoned from the date of commencement mentioned in the Work Order.

3. SAMPLES OF MATERIALS:

THE contractor shall produce samples of all materials and shall obtain approval of Engineer-in-Charge in writing before he places bulk order for the material for incorporation in the works. In respect of materials for which samples are not kept or detailed specifications are not given herein-after, such materials shall comply with the latest relevant Indian Standard Specifications as published up to the date of issue of this tender.

- 3.1. THE contractor shall on demand produce original receipted vouchers / invoices in respect of materials supplied by him.

4. PROPRIETARY MATERIALS:

THE contractor shall ensure that proprietary materials like paints etc., are brought to site in original sealed containers / packing and bear the manufacturer's markings.

5. CLEANING DOWN:

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

THE contractor shall clean all the floors, walls, glass panes, fittings and fixtures, etc., touch up all painter’s works and carryout all other necessary items of work in connection therewith and leave the whole premises clean and tidy before handing over the buildings.

6. ATTENDANCE UPON BUILDING:

THE contractor shall permit free access and generally afford facilities and usual convenience to other agencies and or departmental workmen to carryout works under separate arrangements.

THEREFORE, the rates quoted by the contractor shall be deemed to include for all such costs as consequence for having to work in the circumstances described above and no claim shall in any event be entertained on this account.

8. CONCRETE MATERIALS

8.1 **CEMENT:** Cement used in the work shall be ordinary PORTLAND/PUZZOLANA cement and shall be stored by the contractor in a dry place under proper cover and stack. Stacks shall not be more than 10 bags high.

8.2 **FINE AGGREGATE:** Fine aggregate (sand) for concrete shall be of approved quality natural sand. Fine aggregate shall be clean, free from any admixture of clay, loam, silt, organic matter and other impurities.

8.3 **COARSE AGGREGATE:** Coarse aggregate for concrete shall be of approved broken granite stone and shall conform to IS-383-1963.

8.4 **WATER:** Water used in concrete shall be clean, fresh and non-saline.

Rate: Rate quoted for cement concrete works in Schedule-A shall include the cost for the use and waste of formwork as necessary.

Unless otherwise specified, the rates quoted against various items of schedule ‘A’ shall not include for plastering. The various concrete surfaces shall be finished as under:

- a) All concrete surfaces occurring in conjunction with wall and the like: Immediately after the formwork is removed all irregularities shall be removed and air holes shall be stopped with CM 1:3 so that the surface is ready for application of plaster which is paid for separately.
- b) Soffits & edges of roofs, soffits & edges of chajjas, facias, soffits and sides of beams and columns, exposed surfaces of shelves, not occurring with conjunction of walls: These shall be finished as described above to receive plastering which is paid for separately.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

- c) Exposed surfaces of concrete members other than those specified above and tops and edges of chajjas and the like, independent columns and other concrete surfaces not specified to be plastered: These surfaces shall be finished fair and smooth. On account of any reason whatsoever, if fair and smooth surface cannot be achieved, the contractor is permitted to plaster these surfaces with CM 1:3, to obtain a fair, uniform and smooth finish. However, he shall ensure that the thickness of plaster is kept to a minimum. The contractor shall not be paid anything extra for the application of this CM 1:3 plaster.
- d) The rate quoted for pre-cast concrete shall include for cost involved in the cutting of grooves, etc., in walls, etc., and fixing as specified.

8.5 Mixing concrete:

All concrete shall be mixed in mechanical concrete mixers with hopper. The mixing drum shall be washed and cleaned on completion of work, every day and on every stoppage of work, if the stoppage exceeds 30 minutes. If the total quantity of concreting proposed to be carried out in any one day does not exceed 0.25 cum hand mixing may be adopted for such concrete.

9. FORM WORK

All form work shall be as mentioned in MES schedule 2009, Part I, section 7, Where concrete is to be finished smooth, the forms shall be wrought on the inside surface. Contractor may at his discretion use steel or plywood form work in lieu of timber formwork at no extra cost to the Company.

FINISHES:

Renderings shall not be applied to the walls when these are wet. Joints for plastering or pointing, as specified shall be raked to a depth of 12mm. Joints on internal faces, unless otherwise indicated shall be raked for plastering.

10. STEEL WINDOWS / VENTILATORS:

- 10.1 Steel windows / ventilators shall conform to IS-1038 / IS-1361 and of approved make. The fittings such as handles etc., shall be as specified and in Schedule- A & shall be fixed as per manufacturer's instructions.
- 10.2 For steel windows, steel hold fasts of size shown in and fabricated all as per “DETAILS of lugs for brick or concrete” shown in the leaflet of manufacturer shall be provided. The number of hold fasts/lugs shall be as indicated in the above leaflets.
- 10.3 Glass panes using standard anodized aluminium beads fixed with chromium plated flat head steel screws or as specified in schedule ‘A’. Glazing to windows shall be of selected quality as specified in schedule-A. MS guard bars/weld mesh to the windows, wherever indicated shall be provided as specified and shown in .

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

11. AC RAIN WATER PIPES

Rain water pipes and accessories shall be as manufactured by approved make. The rain water pipe and the accessories shall be fixed in position as per the code of Practice published by M/s. Asbestos Cement Pvt. Ltd., and as directed. The rate quoted includes cost of accessories like bends, shoes, painted MS clamps etc., and fixing. The centre line length of the accessories shall be added to the length of pipes for purpose of measurements. The rain water pipes shall conform to IS-1626-1960.

Unplasticised PVC rain water pipes

Unplasticised PVC pipes shall conform to IS-4985. The pipes shall be reasonably sound. Internal and external surfaces of the pipes shall be smooth and clean, and free from other defects. Pipes shall be of pressure ratings as indicated in Schedule-A- Bill of quantities.

12. PLASTERING GENERAL

The surface to be plastered shall be prepared by raking out joints and wetting the surface thoroughly. Curing of plastering work shall be properly done by means of stirrup pumps or similar devices. The contractor shall take every precaution right from the commencement of plaster work to prevent any defect that may appear on the surface of plaster and shall be responsible to make good any portion of plaster, which in the opinion of the Engineer -in-charge requires removal and re-doing.

- 12.1 Sand for plastering and pointing work shall be as specified herein before for RCC works.
- 12.2 The thickness specified in relevant Schedule ‘A’ item is the thickness above the proudest part of brick/concrete/stone surface and is exclusive of dubbing coat. Any dubbing coat that may be necessary to bring the surface to uniform level shall be provided by contractor and shall be of the same mix specified for the plastering. The rate quoted for Schedule ‘A’ items shall be deemed to be inclusive for the dubbing coat also.
- 12.3 No rounding off of external and internal angles or corners of plaster shall be done. The junction/arises shall be made true and square.
- 12.4 Plastering on walls, dados and skirting shall be returned along with the jambs of opening in walls and cills of windows.
- 12.5 Plastered surfaces shall be finished fair and even.
- 12.6 Cement Mortar Plastering: Plain cement plaster or ordinary cement plaster where shown in /schedule of finishes shall be of mix/proportion and thickness as specified in Schedule ‘A’ finished fair and even without using extra cement.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

12.7 Keyed pointing: Keyed pointing to size stone masonry shall be in CM 1:4 all as MES SSR, part I.

12.8 Rough cast plastering : Provide rough cast plastering of thickness over and including cement mortar screeding as specified in Schedule A. The mixing laying of rough cast plastering shall be as specified in SSR Part I 2009.

13. WHITE COLOUR WASH

Before application of white wash/colour wash etc., the surface shall be prepared, to a clean and fair surface.

13.1 White wash: White wash shall be carried out to surface as indicated in /schedule of finishes and all as directed by the Engineer -in-charge. White wash shall be carried out in three coats.

13.2 Distemper: Provide two coats of approved oil bound washable distemper over a coat of primer (cement primer) all as specified in Schedule ‘A’. Shade/tint shall be as directed by the Engineer -in-charge. The surface to be distempered shall be prepared with a coat of full putty.

13.3 Cement based paint: Two coats of cement based paint such as Snowcem or Surfacem or other equivalent and approved make & colour, shall be applied on surfaces all as directed and as per manufacturer’s instructions.

14. GLAZING:

Unless otherwise specified, glazing for doors, windows, ventilators etc., shall be with not less than 3mm thick plain glass and of the best quality. The glass shall be free from bubbles, scratches and other imperfections. The glass shall not be wavy.

15. PAINTING

Paint shall comply with the relevant IS and shall be of approved manufacture. Paints for priming coat, under coat and finishing coat shall be of the same manufacture. The colour and the manufacture shall be approved by Engineer-in-charge.

15.1 Painting to steel surfaces with Enamel paint: Where painting to steel surface with enamel paint is indicated /schedule of finishes, the surface shall be prepared, cleaned with sand paper to remove scales and rust. Apply a coat red oxide primer followed by two coats of synthetic enamel paint of approved make, and finish the surface so as to have a highly glossy appearance. Tints/shade of paint shall be superior tint and shall be approved by Engineer-in-charge. The tint for under and finishing coat shall be same.

Painting to Timber surfaces: Where painting to timber surfaces with approved synthetic enamel paint is indicated in /schedule ‘A’ the surface shall be prepared and

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

given a priming coat using approved primer. The surface shall then be bodied in with liquid wood filler of approved make, allowed to dry and rubbed with sand paper, after moistening the surface with water. Clean the surface and then apply two coats of paint of approved quality. Tint/shade of paint shall be superior tint and shall be approved by Engineer-in-charge. The tint for under and finishing coat shall be the same.

- 15.2 Unless otherwise specified, the rate quoted for relevant items of Schedule ‘A’ such as doors, windows, etc., shall include for two coats of painting (one under coat and one finishing coat) over a coat of primer all as specified hereinbefore.

BEML LIMITED

(A Government of India Undertaking)

35/1-A, Taratala Road

Kolkata-700 088

Sub: Tender For “Supply, Fitment, Installation Commissioning of Power through cable & MCB/MCCB for Paint booth & Trolley as per BOQ” at Service Centre

BILL OF QUANTITY

(ONLY TO BE FILLED AND SUBMITTED IN PRICE BID ENVELOPE

otherwise bid will be rejected)

SL. NO.	BRIEF DESCRIPTION Of ITEM	TENTATIVE QUANTITY	UNIT	RATE	AMOUNT (Rs.)
ELECTRICAL					
1	Supplying and laying of 35 sqmm 4/5 core copper armoured cable.(L1, L2, L3, N, E) (Brand make: KEI, Glouster, Polycab and other equivalent make)	50.00	RM		
2	Supplying, fitting & fixing of 415V 3-phase 160 Amp MCCB (4 POLE) with encloser. (Brand Make L & T and other equivalent make)	1.00	No.		
3	Supplying, fitting & fixing of 415V 3-phase 25 Amp MCB with encloser. (Brand Make L & T and other equivalent make)	1.00	No.		
4	Supplying and laying of 2.5 sqmm 4 core copper flexible cable. (Brand make: KEI, Glouster, Polycab and other equivalent make)(Panel to trolley)	15.00	RM		
5	Supplying and laying of 2" dia GI pipe for cable in road crossing , including erthing, cementing Job if any.	25.00	RM		
6	Providing, fitting & fixing 160Amp- FN L & T make main switch.	1.00	No.		
7	Earthing to be proper / alluminum: 50 Sqmm	1.00	Item		
		TOTAL (excluding GST) : Rs.			

WARRANTY:-The period of maintenance for the subject work shall be Two Years.

Date:

Signature with date of Authorized signatory

Name: _____

Designation: _____

Firm's Seal: _____