

**Tender Notification for**

**“FACILITY MANAGEMENT SERVICES”  
(Data Centre, Server/DB, Network & Hardware)**

**NIT No.: CMC/BY/20-21/RB/PM/36**

**Due Date and Time of Submission: 04.02.2021, 15:00 HRS**

**BSES YAMUNA POWER LIMITED**

Shakti kiran building, Karkardooma, New Delhi – 110032

Corporate Identification Number: U40109DL2001PLC111525

Telephone Number: +91 011 41247191/41249388

**BSES YAMUNA POWER LTD (BYPL)**

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**SECTION-I**

**REQUEST FOR QUOTATION**

**1.1 GENERAL**

BSES Yamuna Power Limited invites sealed tenders in 2 envelopes for “FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware)” The bidder must qualify the requirements as specified in clause 1.3 stated below. The sealed envelopes shall be duly superscribed as-

“FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware)”

**“NIT NO CMC/BY/20-21/RB/PM/36”**

- 1.1.1 BYPL invites sealed tenders from eligible Bidders for the above-mentioned Contract
- |  |   |
|--|---|
| Estimated cost of Contract:                | ₹ 1.40 Crores   |
| Earnest money Deposit:                     | ₹ 2.80 Lakh   |
| Cost of Tender (Non-Refundable):           | ₹ 1180/-  |
| Completion period of the Contract:         | One year or as defined in the contract                                    |
| <b>Date &amp; time of Pre Bid Meeting:</b> | 28.01.2021 at 11:30 AM (For detail refer Cl. No. 1.4, Pre-Bid Meeting)    |
| Date & time of Submission of Tender:       | 04.02.2021 till 15:00 HRS (For details refer Cl. No.1.4.1 BID SUBMISSION) |
| Date & time of opening of Tender:          | 05.02.2021 at 15:00 HRS (Opening of technical bid)                        |

Subject tender is for Two Year i.e for FY 21-22 & FY 22-23, initially contract shall be awarded for one year and further extended for second year based on performance of previous year of contract.

The tender document can be obtained from address given below against submission of non-refundable demand draft of ₹ 1180/- drawn in favour of BSES YAMUNA Power Ltd, payable at Delhi:

**Head of Department  
Contracts & Material Deptt.  
BSES YAMUNA Power Limited  
Illrd Floor, ‘A’ Block  
Shakti Kiran Building  
Karkardooma  
Delhi-110032**

The tender document will be issued on all working days upto the date mentioned as above. The tender documents & detail terms and conditions can also be downloaded from the website [www.bsesselhi.com](http://www.bsesselhi.com). In case tender papers are downloaded from the above website, then the bidder has to deposit a separate demand draft covering the cost of bid documents.

**1.2 POINTS TO BE NOTED**

- 1.2.1 Contracts envisaged under this Tender are required to be executed in all respects up to the period of completion mentioned above.

1.2.2 Only those agencies, who fulfil the qualifying criteria as mentioned in clause 1.3 should submit the tender documents.

1.2.3 Tender document consists of the following:

- A. Request for quotation/ Notice Inviting Tender
- B. Instructions to Bidders
- C. General Terms & conditions
- D. Scope of Work & specifications
- E. Bill of Quantities/ Price Format
- F. Formats and Annexures

1.2.4 The Contract shall be governed by the details listed in para 1.2.3 above.

1.2.4 BSES YAMUNA Power Ltd reserves the right to accept/reject any or all Tenders without assigning any reason thereof and alter the amount and quantity mentioned in the Tender documents at the time of placing purchase/Work orders. Tender will be summarily rejected if:

- Earnest Money Deposit (EMD) of value INR ₹ 2,80,000/- is not deposited in shape of Fixed Deposit Receipts (FDR)/ BG/ DD/ Pay Order/ Banker's Cheque drawn in favour of BSES Yamuna Power Ltd. Payable at Delhi.

Bidders will submit Tender Fees through Net Banking like RTGS/NEFT etc.

Bidders will submit EMD through DD/BG/FDR/ RTGS/NEFT.

In case of RTGS/NEFT transaction, bidder will furnish the details of transaction at least 2 hours before the scheduled date/time of tender opening for verification and copy of UTR will submit in the techno-commercial envelope.

- Tender document is downloaded from website and tender fees is not submitted.
- The offer does not contain "FOR NEW DELHI" price indicating break-up towards all taxes, duties & freight.
- Complete Techno-commercial details supported by relevant documents are not enclosed.
- If pre-bid meeting is not attended by the bidder
- Tender received after due date and time.

### **1.3 Qualification Criteria:**

1. They should have adequate experience of executing works in support services for IT (Data Centre, Server/DB). They should have successfully completed in preceding five years:-

- Four similar completed costing not less than amount equal to 30% of estimated cost put to tender  
Or
- Two similar completed costing not less than amount equal to 50% of estimated cost put to tender  
Or
- One similar completed works of aggregate cost not less than amount equal to 80% of estimated cost put to tender

2. The bidder should be a public/private limited company registered under Companies Act, 1956 for a minimum period of seven years in India.
3. The Bidder should have positive net worth company in last 3 financial years 2015-16, 2016-17, 2017-18, 2018-19, 2019-20.
4. The bidder should not have been blacklisted by any Government or PSU Enterprise.
5. The bidder should have a valid GST Registration, PAN, ESI, PF and should be registered with the appropriate authorities for all applicable statutory taxes/duties in India
6. The Bidder should have the following accreditations / certifications which are valid as on the date of issue of this RFP - ISO 9001:2008, ISO 20000, ISO 27001, etc.
7. The bidder should have minimum annual turnover of ₹ 200 crores in each of the last three financial years (i.e. 2017-18, 2018-19, 2019-20)
8. The bidder should have experience for at least 3 years in last 5 years of providing Data Centre FM services in a similar organization, preferably in the any large organization.
9. The bidder should have executed at least one single SLA IT FM service work order where bidder has provided approx. 25 manpower under SLA FMS for supporting IT Data Centre Infrastructure in last 3 years
10. The bidder should have experience in providing 24x7x365 Data Centre support services (Data Centre Support must be in India) to a large enterprise/origination.
11. The bidder should have their own SOC (Security Operation Centre) providing remote services to its end customers.

The bidder shall submit all necessary documentary evidence to establish that the Bidder meets all the above qualifying requirements

**Please Note:**

- 1) Firms who are debarred/ blacklisted in other utilities in India will not be considered.
- 2) Company reserves the right to carry out technical/ commercial capability/ infrastructure assessment of the firms by inspection or by any other means and company's decision shall be final in this regard.

Also, the Firm shall furnish the following commercial & technical documents along with the Tender:

- a) Covering letter on Letter Head.
- b) Notarized Power of attorney for signing of application
- c) Agency's Profile
- d) Financial capabilities of the firm:
  - Latest balance sheet
  - Detail of Banker & Cash Credit limit
  - Turnover certificate issued by C.A for the last three Financial Years.
- e) Details of constitution of the company (Proprietary/ Limited/ Pvt. Ltd.)
- f) Memorandum & Articles of Association of the Company/Partnership deed.

- g) Organization Chart of the company
- h) Details of resource engagement capability
- i) Experience with credentials and performance certificates
- j) Copy of ESI/PF Registration certificate
- k) Copy of PAN/GSTIN no.
- l) Premises Detail.

#### **1.4 Pre-Bid Meeting:**

Join Zoom Meeting -<https://zoom.us/j/8672899211>

Meeting ID: 867 289 9211

Password: 654321

Date & Time – 28.01.2021 at 11:30 AM

All the queries related to this tender must reach to C&M BYPL at least one day before the date of pre- bid. All the queries shall be replied in the pre bid, in case any change is required in the tender document the same shall be effected in the form of corrigendum to this tender. The bidder or their representative who intends to bid and who have either purchased tender documents or will pay tender fees for down loaded documents are invited to attend the pre-bid meeting. Corrigendum, if any, to the tender document shall be hosted on the website subsequent to pre-bid meeting. Bidders are requested to submit their offer strictly in line with this tender document. No deviation is acceptable.

#### **1.4.1 BID SUBMISSION:**

The bidders are required to submit the bid in 2(two) parts and submit in original + one copy to the following address:

**Head of Department  
Contracts & Material Deptt.  
BSES Yamuna Power Ltd  
III Floor, “A” Block, Shakti Kiran Building,  
Karkardooma,  
New Delhi-110032**

**PART A: TECHNICAL BID** comprising of following:

- EMD of requisite amount
- General information about bidder
- Documentary evidence in support of all the qualifying criteria
- Technical Literature if any.
- Tender document.
- Details of experience of works of same or similar nature. Copy of work orders and performance certificates.
- Power of attorney
- An undertaking that salary of deployed resource shall be as per applicable minimum wages in NCT of Delhi and all other statutory compliances. Also the salary shall be credited through ECS in the account of resource deployed.
- Deviations if any.

- Copy of all statutory Registration certificates like, ESI, PF etc.
- Any other relevant document

**PART B: FINANCIAL BID** comprising of Prices strictly in the Format enclosed in **SECTION V**

**TIME SCHEDULE**

The bidders should complete the following within the dates specified as under:

S. No.	Steps	Comprising of	Due date
1	Technical Queries, if any	All Queries related to RFQ	04.02.2021 15:00 HRS
2	PART A Technical and Commercial Bid	Technical bid along with all documents as mentioned in this tender	Tender will be opened next day from the date of submission at time schedule by TPC
3	PART B Financial Bid	Price strictly in the Format enclosed (Section V)	Successful bidders will be intimated through website

This is a two part bid process. Bidders are to submit the bids in 2(two) parts

Both these parts should be furnished in separate sealed covers super scribing **NIT no. DUE DATE OF SUBMISSION**, with particulars as **PART-A TECHNICAL BID & COMMERCIAL TERMS & CONDITIONS** and **PART-B FINANCIAL BID** and these sealed envelopes should again be placed in another sealed envelope which should be super scribed with —“**Tender Notice No.& Due date of opening**”. The same shall be submitted before the due date & time specified.

**Part – A:** Technical Bid should not contain any cost information whatsoever and shall be submitted within the due date. After technical evaluation, the list of qualified bidders will be posted immediately on BSES website.

**PART B:** This envelope will be opened after technical evaluation and only of the qualified bidders and the date of opening of the same shall be intimated in due course of time.

Notwithstanding anything stated above, the Company reserves the right to assess bidders’ capability to perform the contract, should the circumstances warrant such assessment in the overall interest of the Company. In this regard the decision of the Company is final.

**1.4.2 Award Decision**



- a) Company intends to award the business on a lowest bid basis but should cover the cost of resources required to execute the work along with reasonable profit, so contractors are encouraged to submit the bid competitively. The decision to place order/LOI solely depends on Company on the cost competitiveness across multiple lots, quality, delivery and bidder's capacity in addition to other factors that Company may deem relevant.
- b) The Company reserves all the rights to award the contract to one or more bidders so as to meet the execution requirement or nullify the award decision without assigning any reason thereof.
- c) In case any contractor is found unsatisfactory during the execution process, the award will be cancelled and BYPL reserves the right to award the work to other contractor(s) who will be found eligible/fit.

**1.4.3 Market Integrity**

We have a fair and competitive marketplace. The rules for bidders are outlined in the Terms & Conditions. Bidders must agree to these rules prior to participating. In addition to other remedies available, we reserves the right to exclude a bidder from participating in future markets due to the bidder's violation of any of the rules or obligations contained in the Terms & Conditions. Bidder(s) who violate the marketplace rules or engage in behaviour that disrupts the fair execution of the marketplace restricts a bidder to length of time, depending upon the seriousness of the and conditions violation. Examples of violations include, but are not limited to:

- Failure to honour prices submitted to the market place.
- Breach of the terms published in Request for Quotation/NIT

**1.4.4 Confidentiality**

All information contained in this RFQ is confidential and may not be disclosed, published or advertised in any manner without written authorization from BYPL. This includes all bidding information submitted.

All RFQ documents remain the property of BYPL and all bidders are required to return these documents to BYPL upon request. Bidder(s) who do not honour these confidentiality provisions will be excluded from participating in future bidding events.

**1.5 Contact Information**

Technical clarification, if any, as regards this RFQ shall be sought in writing and sent by post/courier to following address:

Address	Name/ Designation	E-mail Address
<b>Technical</b>		

IT Dept. 3rd Floor, C Block, BSES Yamuna Power Ltd, Shaktikiran Building, Karkardooma, Delhi, 110032	Mr. Ashwani Aggarwal (Head – IT)	Ashwani.Aggarwal@relianceada.com
<b>Commercial</b>		
C&M Dept. 3rd Floor, A Block, BSES Yamuna Power Ltd Shaktikiran Building, Karkardooma, Delhi 110032	Mr. Rakesh Bansal Head – (C&M)	<a href="mailto:rakesh.bansal@relianceada.com">rakesh.bansal@relianceada.com</a> 011-4124 9230
	Mr. Kulbir Ahluwalia Head – (Contracts)	<a href="mailto:kulbir.ahluwalia@relianceada.com">kulbir.ahluwalia@relianceada.com</a> 011-4124 9928
	Mr. Prajay Mishra DGM – (C&M)	Prajay.Mishra@relianceada.com 011-4124 9388

**SECTION-II**

**INSTRUCTIONS TO BIDDERS**

**1.0 GENERAL**

BSES YAMUNA Power Ltd, hereinafter referred to as “The Company” is desirous for “FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware)” and it has now floated tender as notified earlier in this bid document

**2.0 SCOPE OF WORK**

The scope includes FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware) Detailed scope of work shall be as enumerated in Section IV

**3.0 DISCLAIMER**

3.01 This Document includes statements, which reflect various assumptions, which may or may not be correct. Each Bidder/Bidding Consortium (to the extent allowed) should conduct its own estimation and analysis and should check the accuracy, reliability and completeness of the information in this Document and obtain independent advice from appropriate sources in their own interest.

3.02 Neither Company nor its employees will have any liability whatsoever to any Bidder or any other person under the law or contract, the principles of restitution or unjust enrichment or otherwise for any loss, expense or damage whatsoever which may arise from or be incurred or suffered in connection with anything contained in this Document, any matter deemed to form part of this Document, provision of Services and any other information supplied by or on behalf of Purchaser or its employees, or otherwise arising in any way from the selection process for the Supply.

3.03 Though adequate care has been taken while issuing the Bid document, the Bidder should satisfy itself that Documents are complete in all respects. Intimation of any discrepancy shall be given to this office immediately.

3.04 This Document and the information contained herein are Strictly Confidential and are for the use of only the person(s) to whom it is issued. It may not be copied or distributed by the recipient to third parties (other than in confidence to the recipient's professional advisors).

**4 COST OF BIDDING**

The Bidder shall bear all cost associated with the preparation, submission and processing of its Bid and the company will in no case be responsible or liable for the costs.

**5. BIDDING DOCUMENTS**

5.01 The Scope of Contract, Bidding Procedures and Contract Terms are described in the Bidding Documents. In addition to the covering letter accompanying Bidding Documents, the Bidding Documents include:

SECTION – I: REQUEST FOR QUOTATION  
SECTION – II: INSTRUCTIONS TO BIDDER  
SECTION – III: GENERAL TERMS AND CONDITIONS  
SECTION – IV: SCOPE OF WORK

SECTION – V:	BILL OF QUANTITY/PRICE FORMAT
SECTION – VI:	BID FORM
ANNEXURES:	FORMATS FOR EMD AND BANK GUARANTEE ETC.

5.02 The bidder is expected to examine the bidding documents, including all Instructions, Forms, Terms and Specifications. Failure to furnish all information required by the bidding Documents or submission of a bid not substantially responsive to the bidding Documents in every respect may result in the rejection of the Bid.

## **6.0 AMENDMENT OF BIDDING DOCUMENTS**

6.01 At any time prior to the deadline for submission of Bids, the Company may for any reason(s), whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bidding Documents by Amendment.

6.02 The Amendment shall be part of the Bidding Documents, pursuant to Clause 5.01, and it will be notified in writing by Fax/e-mail to the Bidders or by way of uploading the corrigendum on BSES website, and will be a binding.

6.03 In order to afford prospective Bidders a reasonable time in which to take the Amendment into account in preparing their Bids, the Company may, at its discretion, extend the deadline for the submission of Bids.

## **7.0 PREPARATION OF BIDS**

### **LANGUAGE OF BID**

The Bid prepared by the Bidder, and all correspondence, documents etc. relating to the Bid exchanged by the Bidder and the Purchaser, shall be written in the English Language. Any printed literature furnished by the Bidder may be written in another Language, provided that this literature is accompanied by a Hindi/English translation, in which case, for purposes of interpretation of the Bid, the Hindi/English translation shall govern.

## **8.0 DOCUMENTS COMPRISING THE BID**

The Bid prepared and submitted by the Bidder shall comprise the following components:

- (a) Bid Form, Price & other Schedules (STRICTLY AS PER FORMAT) and Technical Data completed in accordance with Technical Specification.
- (b) All the Bids must be accompanied with the required EMD and Tender Fees against each tender.

## **9.0 BID FORM**

9.01 The Bidder shall complete "Original" Bid Form and submit it along with details mentioned in Technical bid (without filling price).

### **9.02 EMD**

Pursuant to Clause 8.0(b) above, the bidder shall furnish, as part of its bid, an EMD of requisite amount as already specified in the Section-I. The EMD is required to

protect the Company against the risk of Bidder's conduct which would warrant forfeiture. The EMD shall be denominated in any of the following form:

- (a) Bidders will submit Tender Fees through Net Banking like RTGS/NEFT etc.
- (b) Bidders will submit EMD through DD/BG/FDR/ RTGS/NEFT.
- (c) In case of RTGS/NEFT transaction, bidder will furnish the details of transaction at least 2 hours before the scheduled date/time of tender opening for verification and copy of UTR will submit in the techno-commercial envelope.
- (d) Fixed Deposit Receipts (FDR)/ DD/ Pay Order/ Banker's Cheque from a nationalized or scheduled bank in favor of BSES YAMUNA Power Limited valid for 3 (three) months after the last date of receipt of tenders
- (e) BG from a nationalized or scheduled bank in favour of BSES Yamuna Power Limited valid for 3 (three) months after last date of receipt of tender

Earnest money deposit given by all the bidders except the successful bidder(s) shall be refunded within 4 (Four) weeks from the date of opening of price bid. The amount of EMD by the lowest bidder shall be adjustable in the security bank guarantee

The EMD may be forfeited in case of:

- (a) If the Bidder withdraws its bid during the period of bid validity specified by the Bidder in the Bid Form or
- (b) In the case of a successful Bidder, if the Bidder does not
  - (i) Accept the Purchase Order, or
  - (ii) Furnish the required performance security BG.

## **10.0 BID PRICES**

- 10.01 Bidders shall quote for the entire Scope of Contract with prices for individual items. The tenderer is required, at his expense, to obtain all the information he may require to enable him to submit his tender.

Prices quoted by the Bidder shall be "Firm" and not subject to any price adjustment during the performance of the Contract. A Bid submitted with an adjustable price/PVC will be treated as non-responsive and rejected.

## **11.0 BID CURRENCIES**

Prices shall be quoted in Indian Rupees Only.

## **12.0 PERIOD OF VALIDITY OF BIDS**

- 12.01 Bids shall remain valid & open for acceptance for a period of 90 days from the date of opening of the Bid.
- 12.02 Notwithstanding Clause 12.01 above, the Company may solicit the Bidder's consent to an extension of the Period of Bid Validity. The request and the responses thereto shall be made in writing and sent by Fax/post/courier

## **13.0 ALTERNATIVE BIDS**

Bidders shall submit Bids, which comply with the Bidding Documents. Alternative Bids will not be considered. The attention of Bidders is drawn to the provisions regarding the rejection of Bids in the terms and conditions, which are not substantially responsive to the requirements of the Bidding Documents.

#### **14.0 FORMAT AND SIGNING OF BID**

- 14.01 The original Bid Form and accompanying documents (as specified in Clause 9.0), clearly marked "Original Bid", must be received by the Company at the date, time and place specified pursuant to Clauses 15.0 and 16.0.
- 14.02 The original copy of the Bid shall be typed or written in indelible ink and shall be signed by the Bidder or a person or persons duly authorized to sign on behalf of the Bidder. Such authorization shall be indicated by written Power-of-Attorney accompanying the Bid. All pages of the bid shall be initialed by the signatory accompanied with seal of the Agency.
- 14.03 The Bid shall contain no interlineations, erasures or overwriting except as necessary to correct errors made by the Bidder, in which case such corrections shall be initialed by the person or persons signing the Bid.

#### **D. SUBMISSION OF BIDS**

##### **15.0 SEALING AND MARKING OF BIDS**

- 15.01 Bid submission: One original (hard copies) of all the Bid Documents shall be sealed and submitted to the Company before the closing time for submission of the bid.
- 15.02 The Technical Documents and the EMD shall be enclosed in a sealed envelope and the said envelope shall be superscribed with – "Technical Bid & Commercial Terms & Conditions". The price bid shall be inside another sealed envelope with superscribed – "Financial Bid" Both these envelopes shall be sealed inside another big envelope. All the envelopes should bear the Name and Address of the Bidder and marking for the Original. The envelopes should be superscribed – "Tender Notice No. & Due Date of opening"
- 15.03 The Bidder has the option of sending the Bids in person. Bids submitted by Email/Telex/Telegram /Fax will be rejected. No request from any Bidder to the Company to collect the proposals from Courier/Airlines/Cargo Agents etc shall be entertained by the Company.

##### **16.0 DEADLINE FOR SUBMISSION OF BIDS**

- 16.01 The Original bid must be timely received by the company at the address specified in section –I
- 16.02 The Company may, at its discretion extend the deadline for the submission on of bids by amending the Bidding Documents in accordance with Clause 6.0, in which case all rights and obligations of the Company and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended

##### **17.0 ONE BID PER BIDDER**

Each Bidder shall submit only one Bid by itself. A Bidder who submits or participates in more than one Bid will cause all those Bids to be rejected.

## **18. LATE BIDS**

Any Bid received by the Company after the deadline for submission of Bids prescribed by the Company, pursuant to Clause 16.0, will be declared "Late" and rejected and returned unopened to the Bidder.

## **19. MODIFICATIONS AND WITHDRAWAL OF BIDS**

The Bidder is not allowed to modify or withdraw its Bid after the Bid's submission.

## **20. EVALUATION OF BID**

The bids will be evaluated technically on the compliance to tender terms and Conditions.

BYPL reserves the right to ask the bidders to provide breakup of the prices as quoted by them against line items. In case it is observed that the bidders have under quoted the prices against these line items in view of applicable minimum requirement of resources, BYPL reserves the right to out –rightly reject these bid(s).

### **20.1 PROCESS TO BE CONFIDENTIAL**

Information relating to the examination, clarification, evaluation and comparison of Bids and recommendations for the award of a contract shall not be disclosed to Bidders or any other persons not officially concerned with such process. Any effort by a Bidder to influence the Company's processing of Bids or award decisions may result in the rejection of the Bidder's Bid.

### **21.0 CLARIFICATION OF BIDS**

To assist in the examination, evaluation and comparison of Bids, the Company may, at its discretion, ask the Bidder for a clarification of its Bid. All responses to requests for clarification shall be in writing and no change in the price or substance of the Bid shall be sought, offered or permitted

### **22.0 PRELIMINARY EXAMINATION OF BIDS / RESPONSIVENESS**

22.01 Company will examine the Bids to determine whether they are complete, whether any computational errors have been made, whether required sureties have been furnished, whether the documents have been properly signed, and whether the Bids are generally in order.

22.02 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price per item that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price per item will be corrected. If there is a discrepancy between the Total Amount and the sum of the total price per item, the sum of the total price per item shall prevail and the Total Amount will be corrected.



22.03 Prior to the detailed evaluation, Company will determine the substantial responsiveness of each Bid to the Bidding Documents including execution capability and acceptable quality of the services offered. A substantially responsive Bid is one, which conforms to all the terms and conditions of the Bidding Documents without deviation.

22.04 Bid determined as not substantially responsive will be rejected by the Company and may not subsequently be made responsive by the Bidder by correction of the non conformity.

## **23.0 EVALUATION AND COMPARISON OF BIDS**

23.01 The evaluation of Bids shall be done based on the delivered cost competitiveness basis.

23.02 The evaluation of the Bids shall be a stage-wise procedure. The following stages are identified for evaluation purposes: In the first stage, the Bids would be subjected to a responsiveness check later on the Technical Proposals and the Conditional ties of the Bidders would be evaluated.

23.03 The Company's evaluation of a Bid will take into account, in addition to the Bid price, the following factors, in the manner and to the extent indicated in this Clause:

- (a) Contract completion schedule
- (b) Conformance to Qualifying Criteria
- (c) Deviations from Bidding Documents
- (d) Conformity and compliance to the conditions/details provided in pre-bid meeting
- (e) Change in the quantity from mentioned in the tender

The cost of all quantifiable deviations and omissions from the specification, terms and conditions specified in Bidding Documents shall be evaluated.

23.04 Any adjustments in price, which result from the above procedures, shall be added for the purposes of comparative evaluation only to arrive at an "Evaluated Bid Price". Bid Prices quoted by Bidders shall remain unaltered.

## **24.0 AWARD OF CONTRACT CONTACTING THE COMPANY**

24.01 From the time of Bid opening to the time of contract award, if any Bidder wishes to contact the Company on any matter related to the Bid, it should do so in writing.

24.02 Any effort by a Bidder to influence the Company and/or in the Company's decisions in respect of Bid evaluation, Bid comparison or Contract Award, will result in the rejection of the Bidder's Bid.

## **25.0 THE COMPANY 'S RIGHT TO ACCEPT ANY BID AND TO REJECT ANY OR ALL BIDS**

The Company reserves the right to accept or reject any Bid and to annul the Bidding process and reject all Bids at any time prior to award of Contract, without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the grounds for the Company's action.

## **26.0 AWARD OF CONTRACT**



The Company will award the Contract to the successful Bidder whose Bid has been Determined to be the lowest-evaluated responsive Bid, provided further that the Bidder has been determined to be qualified to satisfactorily perform the Contract. Company reserves the right to award order to other bidders in the tender, provided it is required for progress of project & provided he agrees to come to the lowest rate. The full or part of the contract may be awarded to other bidder(s) on differential rates.

## **27.0 THE COMPANY'S RIGHT TO VARY QUANTITIES**

The Company reserves the right to vary the quantity i.e. increase or decrease the Numbers/ quantities without any change in terms and conditions during the execution of the Order. BYPL may increase or reduce the area/ scale of operations after starting of execution of the contract and the size of contract may be adjusted accordingly. BYPL also reserves the right to implement optimisation plan for resources required by way of improving productivity. Accordingly the contract size may be adjusted proportionately. No resource addition/replacement shall be allowed without prior written approval of BYPL's concerned department.

## **28.0 LETTER OF INTENT/ NOTIFICATION OF AWARD**

The letter of intent/ Notification of Award shall be issued to the successful Bidder whose bids have been considered successful for award of work/order. The successful Bidder shall be required to furnish a letter of acceptance within 7 days of issue of the letter of intent /Notification of Award by Company.

## **29.0 CORRUPT OR FRADULENT PRACTICES**

29.01 The Company requires that the Bidders observe the highest standard of ethics during the procurement and execution of the Project. In pursuance of this policy, the Company:

- (a) Defines, for the purposes of this provision, the terms set forth below as follows:  
"Corrupt practice" means behaviour on the part of officials in the public or private sectors by which they improperly and unlawfully enrich themselves and/or those close to them, or induce others to do so, by misusing the position in which they are placed, and it includes the offering, giving, receiving, or soliciting of anything of value to influence the action of any such official in the procurement process or in contract execution; and "Fraudulent practice" means a misrepresentation of facts in order to influence a award process or the execution of a contract to the detriment of the Company, and includes collusive practice among Bidders (prior to or after Bid submission) designed to establish Bid prices at artificial non competitive levels and to deprive the Company of the benefits of free and open competition.
- (b) Will reject a proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question ;
- (c) Will declare a firm ineligible either indefinitely or for a stated period of time, to be awarded a contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a contract.

29.02 Furthermore, Bidders shall be aware of the provision stated in the Terms & Conditions of Contract.

**SECTION – III:**

**GENERAL TERMS AND CONDITIONS**

**General Instructions:**

- a) All the Bids shall be prepared and submitted in accordance with these instructions.
- b) Bidder shall bear all costs associated with the preparation and delivery of its Bid, and the Company will in no case shall be responsible or liable for these costs.
- c) The Bid should be submitted by the Bidder in whose name the bid document has been issued and under no circumstances it shall be transferred/ sold to the other party.
- d) The Company reserves the right to request for any additional information and also reserves the right to reject the proposal of any Bidder, if in the opinion of the Company, the data in support of RFQ requirement is incomplete.
- e) The Bidder is expected to examine all instructions, forms, terms & conditions and specifications in the Bid Documents. Failure to furnish all information required in the Bid Documents or submission of a Bid not substantially responsive to the Bid Documents in every respect may result in rejection of the Bid. However, the Company's decision in regard to the responsiveness and rejection of bids shall be final and binding without any obligation, financial or otherwise, on the Company.

**2.0 COMMERCIAL TERMS & CONDITIONS:**

**1. Definition:**

The following terms & expressions as used in this Tender Document shall have the meaning defined and interpreted here under:

**1.1. Company:**

The terms "Company" shall mean BSES YAMUNA Power Limited having its office at Shakti Kiran Building, Karkardooma and Delhi-110032 and shall included its authorized representatives, agents, successors and assignees.

**1.2 Contractor:**

Contractor shall mean the successful Tenderer / vendor to whom the contract has been awarded

**1.3 Rate:**

The unit rates for the Contract to be carried out at site shall be as per finalized unit rates through tender. The Invoice of the Contractor will be processed as per the actual Contract done and the quantities of each items performed by the Contractor as per the site requirement to be certified by Officer In-charge.

The finalized rates shall be firm for the entire duration of Contract to be carried out by the Contractor under the Contract order and are not subject to escalation for any reason whatsoever.

#### **1.4 Contract Order Specification:**

The terms "Contract order Specification" shall mean the Technical specification of the Contract by you and all such particulars mentioned directly/referred to or implied as such in the Contract order.

#### **1.5 Site:**

The terms "Site" shall mean the Contracting location mentioned in the Contract order.

#### **2. OFFICER-IN-CHARGE:**

The term "Officer In-Charge" shall mean the Company's nominated representative for the purpose of carrying out the Contract. The same shall be mentioned in the Contract.

#### **3. EXAMINATION OF SITE AND LOCAL CONDITIONS:**

The contractor is deemed to have visited all the sites comes under BYPL licensed area under the Contract order and ascertained therefore all site conditions and information pertaining to his Contract. The company shall not accept any claim whatsoever arising out of the difficulties at site/terrain/local conditions, if any.

#### **4. LANGUAGE AND MEASUREMENT:**

The Contract order issued to the contractor by the company and all correspondence and documents relating to the Contract order placed on the Contractor shall be written in English language. Metric System shall be followed for all dimension, units etc.

#### **5.0 VALUE OF THE CONTRACT ORDER:**

Value of Contract order will be contracted out on the basis of finalized rates. The rates shall remain firm and fixed for the period of contract. They shall not be subject to escalation and any increase in amount

#### **6.0 TAX & DUTIES:**

Prices will be inclusive of all taxes and duties, cess etc.(Except GST). However, as per applicable rate will be deducted from your bills as Tax Deduction at Source (TDS). Your letter head stating that you have deposited/or will deposit the Tax as per the applicable GST laws. The total order value shall not be adjusted on account of any upward variations in statutory taxes, duties & levies imposed by competent authorities by way of fresh notification(s) within the stipulated completion period or any change in interpretation of law except for GST. However, in case of reduction in taxes, duties & levies, the benefits of the same shall be passed on to BYPL.

#### **7.0 PERFORMANCE SECURITY BANK GUARANTEE:**

7.1 CONTRACTOR shall furnish the Security Performance Bank Guarantee in the prescribed format (Appendix I) within 15 days from the date of issue of Order for due performance of the provisions of Contract Order.

- 7.2 The Security Performance Bank Guarantee shall be of 5% of the total value of order and shall be valid till completion, plus three (3) months towards claim period
- 7.3 The Security Performance Bank Guarantee shall be issued from any nationalized bank as per company format.
- 7.4 The Company shall reserve the right to invoke the bank guarantee unconditionally and without recourse to the Contractor, if there is failure to perform any part of the Contract for whatsoever reason. This clause is pertaining to performance of contractual obligations and the decision of Company shall be final in this regard.
- 7.5 In the event, in Company's sole judgment, the Contractor has fulfilled all its obligations under this Contract, Company shall release the security performance bank guarantee without interest, within seven (7) days from the last date up to which the performance bank guarantee is to be kept valid or if it is assessed by the Company that Contractor has not fulfilled its obligation then the performance bank guarantee shall be extended by the Contractor till that period as requested by the Company.
- 7.6 Contractor shall ensure that the Services are carried out in accordance with the terms and conditions of this Service Contract. If the Services are not carried out to the satisfaction of BYPL, whose decision shall be final and binding, the Bank Guarantee shall be en-cashed and in addition the Contractor shall be liable to pay and / or reimburse to the Company a sum equal to Rs. 1 lakh & further the Company reserves the right to terminate the Service Contract & with immediate effect the Contractor shall not be liable for any compensation under the Service Contract.

## **8.0) TERMS OF PAYMENT:**

- 8.1 Service Provider shall submit correct monthly running bills to the concerned Officer-in-Charge, completed during the month.
- 8.2 Company shall make payments on the bills within 30 days from the date of submission of the bills duly verified and certified by Officer-in-Charge by quoting all the applicable clauses of agreement along with documentation in support of verification, at Vendor Support Cell, Shakti Kiran Building, Karkardooma, after deduction of taxes required by applicable laws to be deducted at source.

The Service Provider shall submit to the Company true copies of receipts of all such taxes paid within 30 days of making such payments. Invoices raised for work carried out under this order, in the manner indicated above, will be returned to the Service Provider by Engineer-in-charge within 3 days of its receipt, duly certified by Engineer-in-charge as under:

"Certified that work and the quantity for which this invoices (with No & Date) has been raised, has been duly verified and certify with reference to relevant documents and found to be correct, the terms and condition shall be satisfactorily completed by the Service Provider. Payment may be made as per Agreement rates".

- 8.3 In case of first bill, the billing period shall be till the end of the immediately following calendar month. The bills shall be made in favor of BSES Yamuna Power Ltd, Shakti Kiran Building, Karkardooma, Delhi.

The bill shall consist of the prescribed documents on standard stationary designed by the Company. Service Provider shall collect the details of such documents and formats from the Company.

- 8.4 Notwithstanding anything with the release/ payment of bills by the Company to the Service Provider, the Service Provider shall at all times ensure the due and timely payment of wages to all persons, including workmen, employed by the Service Provider pursuant to this Agreement and compliance with other applicable statutory requirements within time limits. Nothing contained herein shall establish any link between release / payment of the bill by the Company to the Service Provider and the payment of any salary, wages or any other dues whatsoever by the Service Provider to its employees, workmen and laborers.
- 8.5 Service Provider shall, at no point of time, claim or have the right to claim any additional fees, expenses or charges of any nature whatsoever, other than the Rates set out in clause no 5.
- 8.6 100% payment shall be released on submission of bill and certification of Contract completion by Officer In-charge. The bill shall be paid within 30 days on receipt of such bills at our office.
- 8.7 The contractor shall submit the invoice along with the checklist duly filled in. Invoice shall be processed and payment shall be made to contractor on certification of Officer In Charge for compliance to check points given in check list. The check list shall be provided by Officer In Charge.
- 8.8 The company may modify procedure for submission of bills. The vendor shall be obliged to submit its bill as per the procedure stipulated by the company time to time.

## **9. STATUTORY OBLIGATIONS:**

- 9.1 The Service Provider shall take all steps, necessary or otherwise, to comply with the various applicable laws/rules/regulations/ notifications, including, but not limited to, the provisions of Contract Labour (Regulation & Abolition Act) 1970 as amended, Minimum wages Act, 1948, Workman Compensation Act, ESI Act, PF Act, Bonus Act and all other applicable laws and rules framed there under including any statutory approval required from the Central/State Governments, Ministry of Labor. Service Provider has to comply with all latest amendments/revisions made during the period of the Agreement in any of above laws/rules/regulations/notifications as stated above and shall provide proof to the Company, from time to time or as may be specifically requisitioned by the Company.
- 9.1A. The service provider acknowledges and agrees that the functions under this contract involves discharging statutory duties of enforcement related to theft as provided under the Electricity Act, 2003. Accordingly, the service provider shall ensure that all statutory measures are in place at its disposal so that there are no irregularities which would be contrary to the requirements of the statutory provisions provided in the 2003 act insofar as containing the theft of electricity and mandatory requirements to be followed.
- 9.2 The Service Provider shall, prior to commencement of the jobs under this Agreement, furnish to the Company the permanent Provident Fund Code numbers and ESI of its employees.
- 9.3 Service Provider shall bear the entire responsibility, liability and risk relating to coverage of its workforce under different statutory regulations including Workman's Compensation Act, ESI Act, Factories Act, 1948, the Contract Labor (Regulation and

Abolition) Act 1970, as amended from time to time, and any other relevant laws/regulations as the case may be. Service Provider shall also be solely responsible for the payment of all benefits such as Provident Fund, Bonus, Retrenchment Compensation, Leave etc. applicable as per the various statutory laws/regulations and shall keep the Company indemnified in this regard against any claim. The Company shall be entitled to deduct from any money due to or to become due to Service Provider any money paid or payable by way of compensation as aforesaid or cost or expenses in connection with any claims thereto and Service Provider shall abide by the decision of the Company to the sum payable by Service Provider under the provisions of this clause.

#### **9.4 STATUTORY REQUIREMENTS:**

The Contractor should obtain and must submit the following to Company before commencement of Contract and these shall be renewed from time to time as and when required:

- 1A. Any special permission which may be required under the statutes or any other applicable laws before the commencement and implementation of the support services as contemplated under the present contract which are related to assisting the utility in the enforcement of theft of electricity which is a penal offense under the electricity act 2003
- a) PF Code No. and all employees to have PF A/c No. under PF every Act, 1952.
  - b) All employees to have a temporary or permanent ESI Card as per ESI Act.
  - c) ESI Registration No.
  - d) GST registration number.
  - e) PAN No.
  - f) Contract Tax Registration Number

The Contractor must follow:

- a) To follow Minimum Wages Act prevailing in the state.
- b) Salary / Wages to be distributed through ECS to all the deployed work force or in presence of Company's representative not later than 7th of each month.
- c) To maintain Wage-cum -Attendance Register.
- d) The resource which is not covered under ESI should be covered by a suitable mediclaim policy including family floater of Minimum Value of ₹ 2.00 lacs
- e) To maintain First Aid Box at Site. e) Latest P.F. and E.S.I. challans pertaining to the period in which Contract was undertaken along with a certificate mentioning that P.F. and E.S.I. applicable to all the employees has been deducted and deposited with the Authorities within the time limits specified under the respective Acts.
- f) **INSURANCE POLICY FOR LIFE COVER:**  
Contractor must take a GPA (Group Personal Accidental Policy) for staff deployed in BYPL for this work to insure against any loss of life which may occur during the contract period for the work of the BYPL. The Policy shall have coverage of ₹ 10 Lacs (Death+ Permanent Total Disability + Partial Permanent Disability)
- g). Antecedents verification of deployment  
Without limiting the foregoing terms of the present Order/ Contract the contractor shall, within two months of deployment of its employee at any of BYPL's offices/installations under the present Order/ Contract, conclude background check(s) of personal information including all documents, educational certificates, references, previous employment records, civil records, criminal records, general antecedents and any other relevant information, of all personnel appointed from the



effective date. Contractor shall also conduct similar background check before deploying any new employee for any BYPL assignment. Such background check(s) shall be conducted with prior consent of the personnel. The Contractor further agrees to indemnify and keep BYPL indemnified against any action by any of its employee arising out of or against any such background check(s).

h). In order to monitor the performance of each of the employees deployed by the contractor under the contract, contractor shall implement an effective measure, such as employee score card.

To motivate his employees to achieve high level of performance standard, the contractor shall formulate and implement an appropriate R&R Policy based on aforesaid performance measure which will include advisory action also

i) Statutory compliances shall be submitted to Compliance cell on monthly basis.

## **10. Penalty/Incentive**

10.1. In case the Contractor does not provide his employees with PIC (Personnel Identity Card), the same shall be provided by the Company and the cost plus 30% overheads shall be recovered from the contractor's bills.

10.2. Failure by the Contractor's personnel to wear PIC shall attract a penalty of ₹ 50/- per incident per item per day.

10.3. In case, any of the executive found-out, not serving his part of duty on any day as per the instructions, it will be fined at the rate of ₹ 500/- per person per day.

10.4 A separate penalty as per score card shall be levied.

10.5 There will not be duplicity of penalty for the same default.

## **11.0 Penalty Clause on statutory:**

In the event of any non-compliance of statutory requirement under the various labour laws as stipulated in this work order/contract, by Agency and if the same is demanded from BYPL by the Statutory Authorities to pay any such amount, Agency is liable to pay back the said amount along with a penalty of 20% within 10 (ten) days of the written communication from BYPL. The imposition of the penalty is without prejudice to the BYPL's right to terminate the Contract."

The closure of the work and final settlement of the contract/work order shall be effected only after receiving NOC from BSES".

## **12.0 Termination:**

Either party may terminate this agreement in the case the other party has committed a breach of any of the terms of this agreement and has not cured such breach within in a period of Thirty (30) days from the date of receipt of the notice from the aggrieved. Party requesting it to cure breach, provided that if and to the extent that the failure to perform its obligation under this agreement shall be caused by or arise from force Majeure, defined herein below, such failure shall not constitute a breach of this agreement. Either party may immediately terminate this Agreement by giving written notice, in the following circumstances:

1. The other party makes an assignment for the benefit of its creditors: or

2. The other party goes into liquidation, or a winding up order is made against it, or it suffers the appointment of a receiver, trustee or similar officer of the whole or parts of its business or assets, or it files a petition seeking reorganization, composition or a similar relief, or it takes any action under any law regarding insolvency;
3. The representation and warranties made by the other party are false or misleading;
4. Either party shall be entitled (without prejudice to any right of action accruing or already accrued to either party) to terminate this Agreement by giving to the other party not less than 30(THIRTY) days notice in writing to the same effect. However, Agency shall be entitled to receive payment against all its dues till the date of notice of termination so served by either side, within 7 (seven) days from the date of receiving such notice after deducting the amount authorized under this agreement which is accepted by Agency
5. BYPL also have rights to terminate services under this contract immediately OR in case of non-performance and gross violation of various compliances and applicable laws.

### **13.0 INDEMNITY:**

Contractor shall indemnify and save harmless COMPANY against and from any and all liabilities, claims, damages, losses or expenses arising due to or resulting from:

- a) Any breach non-observance or non-performance by contractor or its employees or agents of any of the provisions of the Contract.
- b) Any act or omission of contractor or its employees or agents.
- c) Any negligence or breach of duty on the part of contractor, its employees or agents including any wrongful use by it or them of any property or goods belonging to or by COMPANY.

Contractor shall at all times indemnify COMPANY against all liabilities to other persons, including the employees or agents of COMPANY or contractor for bodily injury, damage to property or other loss which may arise out of or in consequence of the execution or completion of Contracts and against all costs charges and expenses that may be occasioned to COMPANY by the claims of such person.

### **14.0 EVENTS OF DEFAULTS:**

COMPANY may, without prejudice to any of its other rights or remedies under the Contract Order or in law, terminate the whole or any part of this Contract Order by giving written notice to the Contractor, if in the opinion of COMPANY, contractor has neglected to proceed with the Contracts with due diligence or commits a breach of any of the provisions of this Contract order including but not limited to any of the following cases:

- a) Failing to complete execution of Contract within the terms specified in the Contract order.
- b) Failing to complete Contracts in accordance with the approved schedule of Contract.
- c) Failing to comply with any reasonable instructions or orders issued by COMPANY in connection with the Contract.
- d) Failing to comply with any of the terms or conditions of this Contract order.

In the event COMPANY terminates this Contract order, in whole or in part, on the occurrence of any event of default, COMPANY reserves the right to engage any other subcontractor or agency to complete the Contract or any part thereof, and in addition to any other right COMPANY may have under the Contract order or in law including without limitation the right to penalize for delay under clause 14.0 of this Contract , the contractor shall be liable to COMPANY for any additional costs that may be incurred by COMPANY for the execution of the Contract.



- e) Failure on the part of the service provider to maintain its confidentiality obligations and or compromising its integrity which are required to be of highest standards in so far as the present scope of work is concerned.

## **15.0 RISK & COST:**

If the Contractor fails to execute the Contract as per specification / as per the direction of Officer's In-charge within the scheduled period and even after the extended period, the contract shall get cancelled and company reserves the right to get the Contract executed from any other source at the Risk & Cost of the Contractor. The Extra Expenditure so incurred shall be debited to the Contractor.

## **16.0 GOVERNING LAW AND ARBITRATION**

1. **Governing Law:** This Work Order shall be governed by the laws of India and each party submits to the exclusive jurisdiction of the courts in New Delhi.
2. **Dispute Resolution Mechanism:** All disputes and differences arising out of or in connection with this Agreement shall be resolved amicably by mutual discussion within 30 days. If the dispute cannot be resolved by mutual discussions and agreement the parties will take such dispute to an arbitral panel comprising of a sole arbitrator jointly appointed by both the parties herein. The party seeking to invoke arbitration shall give a notice of appoint of the sole arbitrator. The other party shall give its consent to the appointment of the sole arbitrator and intimate the same within thirty days of the receipt of the notice of arbitration. In the event that the parties do not agree to the name of the sole arbitrator within the specified period the Parties shall approach the High Court of Delhi for directions under the Arbitration and Conciliation Act 1996 for nomination of a sole arbitrator by the High Court . The arbitration shall be conducted in New Delhi in accordance with the provisions of the Arbitration and Conciliation Act 1996. The award of the arbitral panel shall be final and binding on all parties. The arbitration proceedings shall be conducted in English.

## **17.0 FORCE MAJEURE:**

### **17.1 General**

An "Event of Force Majeure" shall mean any event or circumstance not within the reasonable control, of the Party affected, but only if and to the extent that:

- (i) Such event or circumstance, despite the exercise of reasonable diligence, could not have been prevented, avoided or reasonably foreseen by such Party;
- (ii) Such event or circumstance materially and adversely affects the ability of the affected Party to perform its obligations under this Contract, and the affected Party has taken all reasonable precautions, due care and reasonable alternative measures in order to prevent or avoid the effect of such event on the affected party's ability to perform its obligations under this Contract and to mitigate the consequences thereof. For the avoidance of doubt, if such event or circumstance would not have materially and adversely affected the performance of the affected party had such affected party followed good industry practice, such event or circumstance shall not constitute force majeure.
- (iii) Such event is not the direct or indirect result of the failure of such Party to perform any of its obligations under this Contract; and
- (iv) Such Party has given the other Party prompt notice describing such events, the effect thereof and the actions being taken in order to comply with Article 14.1

### **(I) SPECIFIC EVENTS OF FORCE MAJEURE**

Subject to the provisions of Article 14.1, Events of Force Majeure shall include only the following to the extent that they or their consequences satisfy the above requirements:

1. The following events and circumstances:
  - a. Effect of any natural element or other acts of God, including but not limited to storm, flood, earthquake, lightning, cyclone, landslides or other natural disasters, and\
  - b. Explosions or fires or flood
  - c. Epidemics notified as such by Central Govt or GONCTD;
2. Public disorder, insurrection, rebellion, sabotage, riots or violent demonstrations of a local character;
3. Declaration of the Site as war zone.
4. Any order, regulation, directive, requirement from any Governmental, legislative, executive or judicial authority.

## **(II) NOTICE OF EVENTS OF FORCE MAJEURE**

If a force majeure event prevents a party from performing any obligations under the Contract in part or in full, that party shall:

1. Immediately notify the other party in writing of the force majeure events within 2 working days of the occurrence of the force majeure event
2. Be entitled to suspend performance of the obligation under the Contract which is affected by force majeure event for the duration of the force majeure event
3. Use all reasonable efforts to resume full performance of the obligation as soon as practicable
4. Keep the other party informed of all such efforts to resume full performance of the obligation on a regular basis
5. Provide prompt notice of the resumption of full performance or obligation to the other party.

## **(II) MITIGATION OF EVENTS OF FORCE MAJEURE**

The Agency shall:

- (i) Make all reasonable efforts to prevent and reduce to a minimum and mitigate the effect of any delay occasioned by an Event of Force Majeure, including applying other ways in which to perform the Contract;
- (ii) Use its best efforts to ensure resumption of normal performance after the termination of any Event of Force Majeure and shall perform its obligations to the maximum extent practicable as agreed between the Parties; and
- (iii) Keep the Company informed at regular intervals of the circumstances concerning the event of Force Majeure, with best estimates as to its likely continuation and what measures or contingency planning it is taking to mitigate and or terminate the Event of Force Majeure.

## **(III) BURDEN OF PROOF**

In the event that the Parties are unable in good faith to agree that a Force Majeure event has occurred to an affected party, the parties shall resolve their dispute in accordance with the provisions of this Contract. The burden of proof as to whether or not a force majeure event has occurred shall be upon the party claiming that the force majeure event has occurred and that it is the affected party.

## **(IV) TERMINATION FOR CERTAIN EVENTS OF FORCE MAJEURE**

If any obligation of any Party under the Contract is or is reasonably expected to be delayed or prevented by a Force Majeure event for a continuous period of more than 1 (one) month during the Term of the Contract the Contract shall be terminated at the discretion of the Company and neither Party shall be liable to the other for any consequences arising on account of such termination.

## **18.0 SECRECY CLAUSE:**

The technical information, drawing and other related documents forming part of order and the information obtained during the course of investigation under this order shall be the COMPANY's exclusive property and shall not be used for any other purpose except for the execution of the order. The technical information drawing, records and other document shall not be copied in any form, transferred, or divulged and/or disclosed to third party in full/part, not misused in any form whatsoever except to the extent for the execution of the order. These technical information, drawing and other related documents shall be returned to the COMPANY with all approved copies and duplicates including drawing/plans as are prepared by the Contactor during the executions of this order, if any, immediately after they have been used for agreed purpose.

In the event of any breach of this provision, the contractor shall indemnify the COMPANY against any loss, cost or damage or claim by any party in respect of such breach.

## **19.0 SAFETY CODE:**

The Contractor shall ensure adequate safety precautions at site as required under the law of the land to facilitate safe working during the execution of work and shall be entirely responsible for the complete safety of their workmen as well as other workers at site and premises during execution of contract.

The contractor shall observe the safety requirements as laid down in the contract and in case of sub-contract (only after written approval of company), it shall be the responsibility of main contractor that all safety requirements are followed by the employees and staff of the sub-contractor.

The contractor employing two hundred employees or more, including contract workers, shall have a safety co-ordinator in order to ensure the implementation of safety requirements of the contract and a contractor with lesser number of employees, including contract workers, shall nominate one of his employees to act as safety co-ordinator who shall liaise with the safety officer on matters relating to safety and his name shall be displayed on the notice board at a prominent place at the work site.

The Contractor must ensure that all safety wears required during the execution of work such as safety shoes, safety helmets, hand gloves, safety belt, goggles etc are used by his employee/representative while executing COMPANY's work.

In order to maintain security and zero fatal accidents, Safety shoes (S3 or SB) of renowned brand should be provide to the resource deployed in BYPL which are doing testing of meters installed on voltage level 415v at least once in a year of contract period.

LT Line tester (renowned brand) is to be provided at least twice during the contract period to check and maintain security during testing in case of leakage current.

The contractor shall be responsible for non-compliance of the safety measures, implications, injuries, fatalities and compensation arising out of such situations or incidents.

In case of any accident, the contractor shall immediately submit a statement of the same to the owner and the safety officer, containing the details of the accident, any injury or casualties, extent of property damage and remedial action taken to prevent recurrence and in addition, the contractor shall submit a monthly statement of the accidents to the owner at the end of each month.

## **20.0 ACCEPTANCE:**

Vendor confirms to have gone through the Policy of BYPL on legal and ethical code required to be followed by vendors encapsulated in the #Vendor Code of Conduct# displayed on the official website of BYPL ([www.bsesdelhi.com](http://www.bsesdelhi.com)) also, which shall be treated as a part of the contract/PO/WO.

Vendor undertakes that he shall adhere to the Vendor code of Conduct and also agrees that any violation of the Vendor Code of Conduct shall be treated as breach of the contract/PO/WO.

In event of any such breach, irrespective of whether it causes any loss/damage, Purchaser (BYPL) shall have the right to recover loss/damage from Vendor.

The Contractor/Vendor hereby indemnifies and agrees to keep indemnified the Purchaser (BYPL) against any claim/litigation arising out of any violation of Vendor Code of Conduct by the Contractor/Vendor or its officers, agents & representatives etc.

Acceptance of the CONTRACT implies and includes acceptance of all terms and conditions enumerated in the CONTRACT in the technical specification and drawings made available to Contractor consisting of general conditions, detailed scope of work, detailed technical specification, detailed equipment drawing and complete scope of work.

Contractor and Company contractual obligation are strictly limited to the terms set out in the CONTRACT. No amendments to the concluded CONTRACT shall be binding unless agreed to in writing for such amendment by both the parties.

## **21.0 WORKMEN COMPENSATION:**

The Contractor shall take insurance policy under the Workman Compensation Act to cover such workers who are not covered under ESI and PF by the VENDER however engaged to undertake the jobs covered under this order and a copy of this insurance policy will be given to Company for reference and records. This insurance policy shall be kept valid at all times. In case there are no worker involve other than those who are covered under ESI and PF by the VENDER, the VENDER shall certify for the same.

The VENDER shall keep the COMPANY indemnified at all times, against all claims of compensation under the provisions of Workmen Compensation Act 1923 as

amended from time to time or any compensation payable under any other law for the time being involving workmen engaged by the VENDER in carrying out the job involved and against costs and expenses, if any, incurred by the COMPANY in connection therewith and without prejudice to make any recovery.

The COMPANY shall be entitled to deduct from any money due to or to become due to the VENDER, moneys paid or payable by way of compensation as aforesaid or cost or expenses in connection with any claims thereto and the VENDER shall abide by the decision of the COMPANY as to the sum payable by the VENDER under the provisions of this clause.

## **22.0 THIRD PARTY INSURANCE:**

The Agency shall, prior to commencement of the jobs under this Contract, take out a comprehensive insurance policy against any damage or loss or injury which may occur to any property or to any person or any employee or representative of any outside Agency/Company engaged or not engaged for the work of the Company, by or arising out the execution of the work or temporary work or in carrying out of jobs under this Work Order.

## **23. NOTICE:**

Any notice or other formal communication to be given under this agreement shall be in writing and signed by or on behalf of the party giving it and shall be sent by registered post, A.D. to the addresses of Service Provider or BYPL as mentioned hereinabove or to any other addresses as agreed by the parties, in writing from time to time.

## **24. REPLACEMENT OF RESOURCE(S)**

- 24.1 If the Company finds any employee of the Service Provider guilty of any misconduct, incompetence or negligence, the Service Provider shall, if so intimated by the Company shall at once remove such employee and replace him by a qualified and competent substitute.
- 24.2 Service Provider shall keep the Company informed of all resource replacements and all such data shall be submitted to the Officer-in-Charge along with personal & qualification details.
- 24.3 If any employee of the Service Provider found included in unfair practices or causing direct or indirect damage to Company Image / Property /Revenue immediate action to be taken by the Service Provider and Company to be suitably compensate for the loss incurred by the Company.

## **25. HUMAN RESOURCE ISSUES:**

- i) The Contractor would execute these works through their own resources.
- ii) The Contractor shall bear all expenses/cost to be incurred towards salary, allowances, perks, travelling allowances, advances, insurance, safety measures, security, transportation and all other misc. expenses etc. of their employees/workmen during the currency of this Agreement. Also, the Contractor shall be sole

responsible for making payment for Hospitalization, Compensation thereof in case of any sickness, accident and/ or injury.

- iii) The Contractor to deploy their manpower immediately for carrying out the work as specified above.
- iv) The Contractor should ensure that there are no disputes regarding service, payment etc of the persons engaged by him, anytime during the currency of the contract. At no point of time during the currency of contract, the Contractor's employees shall insist upon the Company for employment, wages, and allowances or any other related matter, payment etc.
- v) The Contractor shall not deploy the resource below the age of 18 years and also shall not deploy the resource above the age of 60 years.
- vi) The Manpower deployed by the contractor will be considered adequately qualified, if the Employee for the Job is having minimum Graduation degree & must be proficient with MS office, English language, good typing skills and other computer basic operations.
- vii) The Contractor will arrange Training to the deployed staff, as and when it is desired by the Management. A Training Program must be prepared by the Contractor (At-least for 2 days), for the newly recruited employees before engaging them for the execution of work.
- viii) The Contractor shall be directly responsible for any / all disputes arising between him and his persons and keep the Company indemnified against all losses, damages and claims arising thereof. The Contractor shall resolve any dispute of their manpower. All the legal dues of their manpower is to be paid on due date or within 8 days on the termination of manpower.
- ix) All safety wears if required for the Contractor's manpower during the execution of work must be provided by the Contractor at his own cost and he shall ensure that his employees regularly use such safety gears.
- x) The Contractor shall be responsible for discipline of his manpower and shall adhere to the disciplinary procedure set by the Company. The Company shall be at liberty to object to the presence of any representative or employees of the Contractor, if in the opinion of the Company such manpower has done any act of misconduct or negligence or otherwise undesirable, then the Contractor shall remove such a person objected to and provide a competent replacement immediately.
- xi) The Contractor shall give a written declaration / undertaking on or before 15th of the following month that he has complied with the following:
  - Has paid minimum wages to his manpower as per the rate notified from time to time by the Government of National Capital Territory of Delhi.
  - Deduct and deposited ESI and PF contribution. Copies of the same shall be submitted.
- xii) The Contractor shall submit a list of persons engaged by him for these work mentioning their qualifications, experience and residential address and deploy the



resources after getting clearance from BYPL. If there is no objection from BYPL on any of resources deployed for work then the clearance will be assumed to have been given. In case of any revision, the same shall be informed to the COMPANY immediately in writing.

- xiii) The Company reserves the right to demand the Contractor's services on holidays as well as beyond the normal working hours.
- xiv) The Contractor will ensure that none of their person is engaged in any unlawful activities subversive of the Company's interest failing which suitable action may be taken against the Contractor as per the terms and condition of this order.
- xv) The Contractor shall be liable for payment of all taxes and duties as applicable, to the State/ Central Govt. or any local authority.
- xvi) The Contractor's employees shall not be treated as Company's employees / persons for any purpose whatsoever & facilities/ benefits applicable to the Company's employees shall not be applicable to Contractor's employees. If due to any reasons whatsoever the Company is made liable to meet any obligation under any of the laws & enactment etc, for any reason whatsoever the same shall be recovered from the Contractor or from any of the bills payable to him or failing which it shall be recovered as per law.
- xvii) The Contractor shall be responsible and shall comply with the provision of all the STATUTORY ACTS APPLICABLE. Special attention of the CONTRACTOR is drawn towards the compliance of provision of the following statutes: (along with the latest amendments/additions):
  - a) The Child Labor (Prohibition and Regulation) Act, 1986.
  - b) The Contract Labor (Regulation and Abolition) Act, 1970.
  - c) The Employee's Pension Scheme, 1995.
  - d) The Employee's Provident Funds and miscellaneous provisions Act, 1952.
  - e) The Employees State Insurance Act, 1948.
  - f) The Equal Remuneration Act 1976.
  - g) The Industrial Disputes Act, 1947.
  - h) The Maternity Benefit Act 1961.
  - i) The Minimum Wages Act, 1948.
  - j) The Payment of Bonus Act, 1965.
  - k) The Payment of Gratuity Act, 1972.
  - l) The payment of Wages Act, 1936.
  - m) The Delhi Shops & Establishment Act, 1954.
  - n) The Workmen's Compensation Act. 1923.
  - o) The Employer's Liability Act, 1938.
  - p) Public Liability Insurance Act 1991.
  - q) Fatal Accident Act, 1855
  - r) The Personal Injuries (Compensation Insurance) Act 1963.
  - s) Weekly Holidays Act 1942
  - t) Building and Other Construction Workers' Welfare Cess Act, 1996 and all rules there under.
- xviii) The Contractor shall obtain all registration/permissions licenses etc., which are/may be required under any labor or other legislations for providing the services under this Agreement.

- xix) Contractor shall take insurance policy under the Workmen Compensation Act to cover workers, not covered under ESI Act 1948, engaged by it and Accident Liability Insurance for its employees for payment of compensation on account of injury, fatal or otherwise due to accident during service. Copies of these insurance policies will be submitted to company before claiming any payments for reference and records and these insurance policies shall be kept valid at all times.
- xx) Along with monthly bills contractor shall submit proper Challan for deposit of PF, ESI, EDLI, tax etc and a declaration stating therein that all the staff deployed under this job contract have been paid wages timely and not less than minimum wages applicable and also deposited/ paid the amount/ liabilities towards PF, ESI, bonus, leave, EDLI, taxes etc with the appropriate/ concerned government authority by contractor and every statutory liabilities have been complied with. In case of any non-compliance discovered later on the same shall be borne by the contractor as company has discharge its liability/ responsibility fully.
- xxi) The contractor will pay to its employees their salaries/wages (working under this contract); only thru crossed cheque or ECS (Electronic Transfers in their respective Bank Accounts)
- xxii) The Contractor will maintain all the registers (Attendance, Wages etc) at the work site. These registers will be signed by the Engineer-in-charge as per governing laws/rule/regulations.
- xxiii) Contractor will ensure that all manpower laws are complied with in all respect; e.g. (but not limited to) issuance of I-Cards, providing Wages Slip, PF Statement, Providing On-time Wages etc.
- xxiv) If BYPL gives any additional financial payout during the performance of this contract then the contractor will be bound by the decision of BYPL.  
  
Employee not eligible under ESI scheme shall be covered under suitable mediclaim policy with family floater.
- xxv) Leave encashment (if any) should be settled within one month after completion of contract.

## **26. Deployment of Resources:**

1. Minimum number of resources to be deployed by the service provider shall be 23 at all time.
3. In the event the contractor deposes lesser number of resources than as stated, then it shall be considered as a breach of this agreement and necessary/ adequate deduction will be done.
3. The contractor shall deploy adequate resources for the smooth execution of work assigned to him. The minimum resources shall be agreed upon in the beginning of this contract and the contractor shall provide complete details including name, address, and AadharCard number of resource deployed.
4. The contractor shall deploy qualified & experienced resources comprising engineers, supervisors, diploma holders, skilled, semi-skilled & unskilled staff in accordance with



the requirements of electricity rules, safety laws and other applicable regulatory laws. The contractor shall also ensure to meet the requirements of performance standards as mentioned in this document. If at any stage, the COMPANY/Engineer In-Charge finds the resources not suitable or not up to the mark, the CONTRACTOR shall deploy the alternate resources immediately.

5. Distribution of electricity is an essential service as well as a public utility service. It is imperative to secure the electric network of our license area so that uninterrupted distribution of power supply to essential services like Delhi Metro, Police, hospitals, etc. is maintained. Proper security measures are essential due to the extremely sensitive and critical nature of these services. Therefore, Contractors shall be responsible for maintaining Personal Identification Data of all staff deployed by him at our premises in electronic or any other form as prescribed by the company. In addition to this, the Contractor shall also submit a record of his deployment in various locations to BSES on a daily basis to the Divisional In-charge.
6. The resource deployed by the contractor shall exercise highest level of integrity at work place and shall not involve in any type of malpractice. In case any resource of the contractor is found involved in any malpractice, the contractor shall indemnify the company for the loss incurred by the company on account of such malpractice/misconduct. Since this scope of work and the assistance contemplated under the present contract or in the nature of statutory assistance towards containing the theft of electricity under the provisions of the electricity act 2003 the integrity levels of the service provider and /or the agency which is awarded the contract is expected to be of the highest standards.
1. In case the contractor or the resource deployed by him unable to execute the work assigned to it as per satisfaction of the company or the workmen of the CONTRACTOR refuses to work, going on strike or for any other reason likely to lead to loss of productivity, the company shall have right of engaging any other agency or resorting to any other suitable means without giving any reason and to recover the cost incurred out of the amount payable to contractor.

## **27. CONTRACTOR'S OTHER OBLIGATIONS**

- a. The Contractor shall also provide necessary proof of remittances of EPF, Pension amount and ESIC for the previous month, along with their invoices for the current month to COMPANY. Without such proof, the invoices will not be processed for payment.
- b. The employees deployed by the Contractor shall be employees of the Contractor.
- c. At no point in time shall any employee of the Contractor claim to be the employee of the Company.
- d. Subject to the terms of this Agreement, each party may request reasonable adjustments and/or additions to the Services by giving written notice thereof to the other party. Should such adjustments and/ or additions in Contractor's opinion require an adjustment, Contractor shall notify the Company of such required adjustments to the Service Fee. The parties shall negotiate in good faith on any and all requested adjustments and/or additions to the Services, the Service Fee or this Agreement. In order for any changes to the Services, Service Fees and/or this Agreement to be binding for the parties, all adjustments and/or additions

must be agreed in writing with an authorized official of the relevant parties. For the purpose of clarity, Contractor's employees providing the Services are not entitled to agree to adjustments and/or additions to the Services unless it is agreed in writing between both parties. The Company shall be entitled to amend the Agreement in order to comply with public instructions, orders, rules and legislations applicable to the Services to be provided hereunder. Such amendments shall be deemed to have been accepted by the Contractor unless expressly opposed in writing within ten (10) days from their communication. In case of opposition, The Company shall be entitled to terminate the Agreement for good cause.

- e. The Contractor is committed to recruit and provide qualified, experienced, well-trained, physically & mentally fit personnel in accordance with the Company's standard, duly verified by the local police Station as regards their antecedents and backgrounds.
- f. The Contractor shall ensure that, the Contractor's personnel deployed at the COMPANY shall be in good health, shall have proper eyesight and shall not have any medical problems which may endanger his life and the life of the other COMPANY employees appointed at the said location. The Contractor shall ensure that, the Contractor's personnel deployed at the COMPANY shall be entirely responsible for the stock of the commodities stored at the said location. To ensure such safety, the Contractor shall, before deploying any employee in the premises, shall have him medically examined by a registered medical practitioner at its own cost and expenses and produce a certificate from him certifying that the said employee is medically fit. It is further agreed that without such medical certificate, COMPANY shall not permit any such Contractor's personnel to work in its premises. It is further agreed that COMPANY may, from time to time, call upon the Contractor to have all or any of its Contractor's personnel examined.
- g. The Contractor shall uphold the strictest disciplinary standards for all their personnel and any transgressions are dealt with immediately, and to the fullest extent that the law allows.
- h. The Contractor shall provide uniforms, issue identity cards bearing the name of the Contractor to the Contractor's personnel and shall provide an authority letter to the Contractor's personnel and the Contractor's personnel shall carry the same when they are on duty at the COMPANY.
- i. The Contractor shall deploy such number of Contractor's personnel for each location as specified by COMPANY. The timings of the shift may be changed by COMPANY depending on the circumstances and after due consultation with the Contractor.
- j. Whenever any Contractor's personnel goes on leave, the Contractor will arrange for a suitable replacement immediately.
- k. The Contractor's personnel are required to mark their attendance in the manual registers maintained at the COMPANY locations. Additionally, wherever COMPANY has installed manual/electronic attendance marking devices, the Contractor's personnel are required to mark their attendance in those devices also at the time interval decided by COMPANY. At the end of the month a copy of the attendance sheet along with the attendance cards of such devices should be forwarded to COMPANY for processing of payment to Contractor by COMPANY. Without such attendance proof, no payment would be made.
- l. The Contractor shall fully guide, supervise and monitor the Contractor's personnel deployed in COMPANY locations by its Supervisors.
- m. Supervisors will inspect every location at least once every 15 days during day/night to check the level of control exercised by Contractor's personnel. The Supervisors will take digital photographs of Contractor's personnel in the location

during their inspection. The photographs will contain date and time stamp to identify the date the photographs are taken and send the photographs to COMPANY along with their inspection report on weekly basis.

- n. The Contractor agrees & undertakes to provide compensation to COMPANY for every dereliction of duty like unauthorised absence from duty, reporting to duty without name badge, sleeping during duty hours etc, reported by COMPANY staff and the compensation amount shall be equivalent to the one day payment made to the Contractor's personnel concerned for every occurrence of such reporting.
- o. If more than 2 such reporting of dereliction of duty is reported from the same location in the same month, COMPANY reserves the right to cancel the arrangement in that location.
- p. The Contractor shall ensure that the Contractor's personnel posted by him at the COMPANY CMP observe discipline and good conduct. In the event of COMPANY finding any Contractor's personnel not observing proper discipline and / or proper conduct and / or committing misconduct, COMPANY shall direct the Contractor to forthwith withdraw such Contractor's personnel from the COMPANY and upon COMPANY directing the Contractor to remove such Contractor's personnel, such personnel shall be forthwith removed and the decision of COMPANY in this behalf shall be final.
- q. The service provider undertakes to provide required resources to maintain desired service level. In case of any failure in services due to paucity of resources. BYPL shall be within its rights to make necessary deductions".

**28. NON-EXCLUSIVITY:**

The award of this agreement to the Service Provider shall not preclude the Company from awarding the same agreement for similar services at the same rates, or on any terms and conditions to other party or parties. The Company at its discretion places the order on any other party.

**29. SEVERABILITY:**

If any provision of this Agreement is or becomes invalid or unenforceable by the courts of any jurisdiction to which it is subject, such invalidity or unenforceability shall not prejudice the remaining provisions of this Agreement, which shall continue in full force and effect.

**30. Reports and Information**

The contractor shall be obliged to submit or furnish to COMPANY, all or any information as desired by company, in the form of a report or otherwise. The report may be required at regular interval as specified by company or at Company's behest. The information shall be provided in a format to be specified by the company to the contractor. However, company, reserves the right to revise this format which would be communicated to the contractor and it shall be valid and binding obligation of the contractor to submit the desires information in the revised format. The contractor acknowledges and agrees that the submission of reports and information are a part of its statutory and contractual obligation to maintain complete confidentiality.

**31. Waiver of Rights:**

No delay or forbearance by either party in exercising any right or power under this Agreement shall be construed as a waiver of such right or power, nor shall any single

or partial exercise of such right or power preclude any further exercise of such right of power

## **32. THE COMPANY'S RIGHT TO VARY QUANTITIES**

The Company reserves the right to vary the quantity i.e. increase or decrease the Numbers/ quantities without any change in terms and conditions during the execution of the Order. BYPL may increase or reduce the area/ scale of operations after starting of execution of the contract and the size of contract may be adjusted accordingly. BYPL also reserves the right to implement optimisation plan for resources required by way of improving productivity. Accordingly the contract size may be adjusted proportionately. No resource addition/replacement shall be allowed without prior written approval of BYPL's concerned department.

## **33. RATE ESCALATION:**

The Rates are firm and fixed for a period of one year from the Effective Date of the Agreement. The Rates shall not be subject to escalation or increases on an account / reason(s) whatsoever.

## **34. LIQUIDATED DAMAGE:**

34.1 Service Provider shall ensure that the jobs are carried out in accordance with the terms and conditions of this Agreement. If the jobs are not carried out to the satisfaction of the Officer-in-Charge, whose decision will be final and binding, including events of delay for reasons attributable to the Service Provider, the Service Provider shall be liable to pay and / or reimburse to the Company a sum

- i.) Equivalent to charges plus 30% over head charges will be recovered from the Service Provider's bill;
- ii.) Equivalent to 0.5 % of the order value for each week or part thereof on delayed part or unexecuted part thereof until the actual date when the job is completed up to a maximum deduction of 5% of order value. Once the maximum deduction is reached the Company may consider termination of Agreement, at its sole discretion, without any liabilities to the Company.

34.2 The parties agree that the above amounts, including the amounts set out in the provisions relating to penalty, are a reasonable estimate of the additional expenses required to be incurred by the Company due to the breach by Service Provider of the terms of this Agreement. The Company shall be entitled to set off the entire amounts due from the Service Provider against the Rates payable by Company to the Service Provider.

## **35. SUBLETTING:**

The Service Provider shall not, without Company's prior consent in writing assign or sublet or transfer any portion of services awarded to the Service Provider as envisaged herein provider that any such consent shall not relieved the Service Provider from any obligation, responsibility or duty under this Order.

## **36. PERIOD OF MOBILISATION:**

Service Provider shall mobilize its resources to carry out the assigned services under this Agreement immediately so that services are made available from the date of start

**37. ENVIRONMENTAL, HEALTH and SAFETY PLAN:**

Agency will make ensure that the Environment, Health and Safety (EHS) requirements are clearly understood and faithfully implemented at all levels at site as per instruction of Company. Agencies must comply with these requirements:

- (i) Comply with all of the elements of the EHS Plan and any regulations applicable to the work Atleast 2 times medical check up (i.e BP, Sugar , Hb and weight) during the contract period of employees engaged in C&M as a preventive measures from any sudden disease.
  - (ii) Comply with the procedures provided in the interests of Environment, Health and Safety
  - (iii) Ensure that all of their employees designated to work are properly trained and competent
  - (iii) Ensure that all plant and equipment they bring on to site has been inspected and serviced in accordance with legal requirement and manufacturer's or suppliers' instructions
  - (iv) Make arrangements to ensure that all employees designated to work on or visit the site present themselves for site induction prior to commencement of work
  - (v) Provide details of any hazardous substances to be brought onsite
  - (vi) Ensure that a responsible person accompanies any of their visitors to site
- All agencies' staff is accountable for the following:
1. Use the correct tools and equipment for the job and use safety equipment and protective clothing supplied, e.g. helmets, goggles, ear protection, etc. as instructed
  2. Keep tools in good condition
  3. Report to the Supervisor any unsafe or unhealthy condition or any defects in plant or equipment
  4. Develop a concern for safety for themselves and for others
  5. Prohibit horseplay
  6. Not to operate any item of plant unless they have been specifically trained and are authorized to do so.

**SECTION IV**

**SCOPE OF WORK**

**1. Scope of work:**

BYPL wishes to outsource its IT infrastructure support services to a partner with rich experience in handling similar setup through multi-location presence.

The Vendor shall be responsible for 24\*7\*365 management of all the systems as per scope of work with services rendered at least as per Service Level Agreement between BYPL & Vendor. Vendor need to provide L1, L2 onsite support with L3 support via remote or onsite as and when required. An L2 on-site resource needs to be factored only for DC & Network Support. Scope does not include management of physical security for access to said facilities, disaster management & business continuity.

BYPL is having approx. 150 office/ grid locations divided into 3 Circles and 14 divisions. It also has 2 Data Centers located at Karkardooma and Shankar Road. Karkardooma Data Ceter is catering to office network and applications with approx. 100 WAN locations and Shankar Road Data Center catering to grids and SCADA network and application with having approx. 55 WAN locations.

**SERVICE DELIVERY MANAGEMENT:**

FM Vendor shall provide detailed description for Service Delivery Framework for the complete project including transition plan and deliverables and project management methodology.

**PROJECT MANAGEMENT**

FM Vendor will assign a dedicated Project Manager who will provide the management interface facility and has the responsibility for managing the complete service delivery during the contractual arrangement between BYPL and the FM Vendor.

Project Manager will be responsible for preparation and delivery of all monthly/weekly reports as well as all invoicing relating to the service being delivered.

Project Manager's responsibilities should essentially cover the following:

1. FMS Project manager Is over all responsible for entire operation.
2. Responsible for DC technical delivery and managing the source.
3. Up gradation of Technology and Migration of any out dated technology for smooth the operation.



- Overall responsibility for delivery of the Statement of Work/s (SOW) and Service Level Agreement (SLA).
- Act as a primary interface to BYPL for all matters that can affect the baseline, schedule and cost of the services project.
- Maintain project communications through BYPL's Project Leader.
- Provide strategic and tactical recommendations in relation to technology related issues
- Provide escalation to FM Vendor's senior management if required
- Resolve deviations from the phased project plan
- Conduct regularly scheduled project status meetings
- Review and administer the Project Change Control Procedure with BYPL Project Leader.
- Identify and resolve problems and issues together with BYPL Project Leader
- Responsible for preparation and delivery of all monthly reports relating to the services being delivered

**Reports that would be generated are as follows:**

- Daily – Pending & closed calls reports
- Monthly call reports
- Monthly – Call Analysis report, Call Trend Report for all Division
- Monthly calculation of availability of different category of equipment and Overall availability of the network and other systems covered under contract.
- Monthly availability report and exception report, indicating all calls not completed with SLA.
- Weekly server availability and Utilization report
- Monthly server uptime report, including planned backups and backups actually taken on servers.
- Quarterly report on the number and success of the restoration drills on servers.
- Monthly report on the details of mail boxes created deleted and transferred and time taken for the same.
- Monthly LAN and WAN availability and Utilization report.
- Monthly report on virus attacks, hardware affected by virus, action taken.
- Monthly assessment of network security, threats, attempts on hacking.
- Monthly inventory report for Install, Move, Add, Change.(IMAC's)
- Quarterly availability report and exception report, indicating all calls not completed within SLA

**TRANSITION MANAGEMENT**

During initial eight weeks viz. initial period of taking over by FMS vendor after completion of all formalities, FMS vendor shall provide minimum agreeable services.

Formal SLA shall be enforced only after initial transition period.

## **DATA CENTER HELP DESK**

DC Help Desk shall act as a single-point-of-contact for all service problems pertaining to hardware, software & network. The successful bidder shall maintain a dedicated centralized online Help Desk with a telephone number, E-mail and call tracking mechanism that will resolve problems and answer questions that arise from the use of the offered solution as it is implemented at BYPL. Users can log the queries / complaints, which should be resolved as per the Service Level requirements. The helpdesk queries / complaints can be related to Connectivity, Messaging, Security, Hardware, Software, Configuration and any other issues.

Help Desk software provided by BYPL will take care of classification, automatic escalation, management and status tracking and reporting of incidents as expected by the service level requirements. Status tracking should be available to users through telephone number as well as online through software.

- The Help Desk will respond to and resolve the problems as per the SLA.
- Problems shall be classified into various levels of priority mentioned in the SLA. The assigned priority for each problem shall depend upon:
  - The extent of the problem's impact on the usability of the system
  - The percentage of users affected by the problem.
- The initial assignment of priorities is the responsibility of the Help Desk's Problem Manager on basis of SLA. However, BYPL can change the priority assigned to a particular problem and the procedures that exist for escalating a problem to progressively higher management levels, until agreement is secured.
- The precise definition of problem priorities should be documented in the Successful bidder's SLA.
- Helpdesk shall troubleshoot on systems (hardware), applications (software), mail related issues, network related issues, multimedia related issues, server administration, security policies, 3rdparty coordination etc.
- After problem resolution, the logged problem in help desk will be closed and notifications will be sent to user for confirmation and rate the customer service on defined parameter in helpdesk.
- Help Desk shall be responsible for change management like schedule up gradation of hardware and software components etc. Help Desk will co-ordinate and take approval from BYPL for the same and will inform all users for such event in advance.



- Help Desk shall also be responsible for managing problems/incidents related to LAN at each node. Help Desk shall ensure timely response and assigning the problem/incident on priority basis.

## **FM VENDOR'S RESPONSIBILITIES REGARDING HELP DESK:**

### **HARDWARE AND SOFTWARE SERVICES**

- Provide Support for hardware and software, including incident logging, assigning incident numbers and dispatching the appropriate support personnel or AMC vendor to remedy a problem
- Prioritize problem resolution in accordance with the severity codes and Service Levels specified
- Provide system status messages, as requested
- Maintain the defined help desk operational procedures
- Notify designated personnel of systems or equipment failures, or of an emergency
- Initiate a problem management record ("PMR") to document a service outage to include (for example) date and time opened, description of symptoms, and problem assignment (Level Two/Level Three), and track and report on problem status, as required
- Monitor problem status to facilitate problem closure within defined Service Level criteria or escalate, as appropriate
- Monitor PMR closure, including documented problem resolution
- Provide BYPL with complete and timely problem status through the problem tracking system, as requested
- Maintain an updated help desk personnel contact listing

### **MANAGEMENT SERVICE**

- Provide "ownership-to-resolution" of all help desk calls, monitor and report on the progress of problem resolution, confirm resolution of the problem with the End User, and log the final resolution via the problem management system;
- Record, analyze and report on calls received by the help desk, including:
  - Call volumes and duration,
  - Incident & Problem trends,
  - Call resolution time,
- Assign priorities to problems, queries, and requests based on the guidelines/SLA provided by BYPL
- Monitor and report to BYPL on maintenance vendor performance

- Provide input to BYPL on End User training requirements based on help desk call tracking and analysis
- Update contact list of users initially provided by BYPL

### **IMAC SERVICES (Install Move Add Change)**

- Act as the point-of-contact for install and MAC requests and status
- Act as the interface for coordinating and scheduling all installations and MACs.

### **BYPL's RESPONSIBILITIES REGARDING HELP DESK**

- Help FM Vendor define help desk call prioritization guidelines
- Provide updated contact listing (as a one-time activity) for use by help desk personnel in contacting appropriate personnel of BYPL for assistance/notification,
- Assist FM Vendor, as requested, in the resolution of problems outside the scope of FM Vendors responsibilities or recurring problems, which are the result of End User error
- Provide an adequate level of system authority for all Hardware, Software and resources for which FM Vendor has problem resolution responsibility and communications access
- Assist FM Vendor in the development of help desk operational procedures by providing input to, and review and approval of, such procedures (this shall be a one-time activity).

### **INSTALL, MOVES, ADDS, CHANGES (IMAC) Services**

This Service provides for the scheduling and performance of install, move, adds, and change activities for Hardware and Software. Definitions of these components are as follows:

Install: Installation of desktop machines, servers, peripheral equipment, and network attached peripheral equipment, which form part of the existing baseline (new equipment needs to be procured by with installation services at the time of procurement).

Move: Movement of servers, peripheral equipment, and network attached peripheral equipment.

Add: Installation of additional hardware or software on desktop machines and servers after initial delivery (e.g. Additional RAM, CD ROM drive, sound card etc.).

Change: Upgrade to or modification of existing hardware or software on desktop machines and servers (e.g. Upgrade 2.4GB hard disk drive to 4.3GB).

Requests for IMAC shall be prepared by FMS vendor depending on customer/ system requirements & shall be approved by BYPL. BYPL shall formulate guidelines for IMAC & communicate it to FMS vendor. All procurements shall be done by BYPL.

## **ASSET/ INVENTORY MANAGEMENT**

FMS Vendor shall provide asset-tracking services for the IT assets of the BYPL.

- FMS Vendor & BYPL personnel shall jointly perform baseline asset tracking & inventory tracking at start of FMS contract.
- FMS Vendor shall create/ maintain hardware asset database by recording information like configuration details, serial number, asset code, location details, warranty and AMC.
- FMS Vendor shall ensure feeding baseline data of assets onto a software module developed for the purpose by BYPL.
- The database shall be regularly updated by the vendor .The updating shall be required due to new installations, up-gradations of systems, change of location of systems, discarding of systems, sending of components for repairs etc.
- The vendor at any time must be able to display to BYPL latest level of IT assets & inventories. It should be able to display assets sent for repairs & assets discarded & assets upgraded.
- Provide asset verification at least twice a year in presence of BYPL personnel.
- FMS Vendor shall provide regular MIS based on above to BYPL regarding need of new spares & components considering appropriate procurement time. The procurements shall be done by BYPL.
- Prior to completion of contract period, FMS Vendor shall hand over all assets along with report of all services to new FMS Vendor/ BYPL staff.

## **VENDOR MANAGEMENT SERVICES**

As part of this activity the FM Vendor's team will:

- Manage the vendors for escalations on support
- Logging calls and co-ordination with vendors
- Vendor SLA tracking
- AMC Tracking
- Management of assets sent for repair
- Maintain database of the various vendors with details like contact person, Tel. Nos., response time and resolution time commitments. Log calls with vendors

Coordinate and follow up with the vendors and get the necessary spares exchanged.

- Analyze the performance of the vendors periodically (Quarterly basis)
- Provide MIS to BYPL regarding tenure of completion of AMC with outside vendors for software, hardware & networks maintenance in order that BYPL may take necessary action for renewal of AMC. FMS vendor shall also provide MIS regarding performance of said vendors during existing AMC.
- FMS vendor has to interact with vendors as selected by BYPL for providing AMC for said systems.

BYPL shall provide FMS vendor with contact details of individual vendors & SLAs signed with them by BYPL.

### **ANTI VIRUS MANAGEMENT**

This Service includes virus detection and eradication, logon administration and synchronization across servers, and support for required security classifications. The scope of service is applicable to the Anti-virus patch upgrade for desktops.

### **LAN & LOCAL SERVER ADMINISTRATION**

FM Vendor will provide for LAN and Server administration services including administrative support for user registration, creating and maintaining user profiles, granting user access and authorization, providing ongoing user password support, announcing and providing networking services for users and providing administrative support for the Users from a central location.

### **NETWORK MONITORING & MANAGEMENT- WAN / VPN / INTERNET**

This Service provides for the Availability Monitoring of the Wide Area network environment, including network connection devices, such as routers, and communication equipment. Management includes proactive monitoring and vendor management.

### **FMS Vendor's Responsibilities**

- Provide a single-point-of-contact for responding to BYPL's network management queries or accepting its problem management requests. FM Vendor's network management specialist will respond to BYPL's initial request within agreed service level objectives set forth.
- Monitor availability & Escalate to service provider and Notify BYPL for WAN Outages.

- Review the service levels of the network service provider (as per pre-defined schedules on SLA performance) along with BYPL.
- Provide network availability incident reports severity wise to BYPL in a format mutually agreed.
- Provide SLA performance management report of the Network Service Provider.
- Fault Detection and Notification: The bidder shall diagnose problems that could arise as part of the LAN/WAN network. These include connectivity problems due to failures in communication transport links, CPE, routing configuration points, or from software bugs etc.
- Fault Isolation and Resolution: All faults that have been identified need to be isolated and rectified appropriately. The resolution measures undertaken by the bidder and results produced accordingly shall be documented in the report.
- Carrier Coordination: Carrier Coordination implies providing a single point of contact to resolve network related problems involving carrier circuits, whether equipment or circuit related. When a problem is diagnosed because of a WAN circuit, the bidder must coordinate with the corresponding carrier to test and restore the circuit. The bidder must take the responsibility and ensure that the problem is resolved.
- Hardware/Software Maintenance and Monitoring: This would include problem determination, configuration issues, and hardware and software fault reporting and resolution. All such issues would need to be recorded and rectified.
- 24x7 Network Monitoring and reporting: The bidder shall monitor the network on a continuous basis using the NMS provided by BYPL and submit reports on a weekly and monthly basis with instances from the NMS system. System performance is to be monitored independently by the bidder and a monthly report mentioning Service up time etc. is to be submitted to BYPL. The report shall include:
  - Network configuration changes
  - Network Performance Management including bandwidth availability and Bandwidth utilization
  - Network uptime
  - Link uptime
  - Network equipment health check report
  - Resource utilization and Faults in network
  - Link wise Latency report (both one way and round trip) times.

- Historical reporting for generation of on-demand and scheduled reports of Business Service related metrics with capabilities for customization of the report presentation.
- Generate SLA violation alarms to notify whenever an agreement is violated or is in danger of being violated.
- Any other reports/format other than the above mentioned reports required by BYPL

## **DATA CENTER OPERATIONS**

FMS Vendor shall:

- Regularly monitor and log the state of environmental conditions and power conditions in the Data center.
- Coordinate with BYPL and its vendors to resolve any problems and issues related to the Data center related to environment conditions, power, air-conditioning, fire, water seepage, dust, cleanliness, etc.
- Co-ordinate with the BYPL for implementing any changes that may be required towards the placement and layout of infrastructure within the Data center.
- Vendor shall monitor, log & report entire equipment & module operation on 24x 7 x 365 basis
- Shall perform periodic health checkup & troubleshooting of all systems & modules installed by consortium members & implement proactive rectification measures

## **SERVER ADMINISTRATION / MANAGEMENT**

FMS Vendor will provide the server administration and monitoring service to keep servers stable, operating efficiently and reliably.

FM Vendor shall provide administrative support for user registration, creating and maintaining user profiles, granting user access and authorization, providing ongoing user password support, and providing administrative support for print, file, and directory, services.

FM Vendor's Responsibilities:

- Setting up and configuring servers
- Installation of the server operating system and operating system utilities
- Also reinstallation on event of system crash/failures
- OS Administration for IT system

- Manage Operating system, file system and configuration
- Ensure proper configuration of server parameters, operating systems administration and tuning
- Regularly monitor and maintain a log of the performance monitoring of servers including but not limited to monitoring CPU, disk space, memory utilization, I/O utilization, etc. using tool provided by BYPL
- Regular analysis of events and logs
- Apply OS Patches and updates
- Monitor & verify logs files and periodically clean up log files
- Ensure proper running of all critical services on the servers. Schedule and optimize these services
- Maintain lists of all system files, root directories and volumes
- Resolving all server related problems
- Escalating unresolved problems to ensure resolution as per the agreed SLAs
- Responsible for periodic health check of the systems, troubleshooting problems, analyzing and implementing rectification measures
- Logical access control of user and groups on system
- Responsible for managing uptime of servers as per SLAs
- Server OS used in BYPL are Windows and Linux

## **DATABASE ADMINISTRATION SERVICES**

FMS Vendor shall:

- Undertake end-to-end management of database on an ongoing basis to ensure smooth functioning of the same.
- Undertake tasks including managing changes to database schemes, disk space, storage, and user roles.
- Setting and tuning system parameters
- Building appropriate indexes, specifying large enough buffers and caches, aligning the database implementation with IT infrastructure, monitoring databases and applications, reorganizing databases, etc.
- Manage database upgrade or patch upgrade as and when required with minimal downtime
- Databases used in BYPL is Oracle and Ms SQL



## **BACKUP / RESTORE MANAGEMENT**

FM vendor will perform backup and restore management in accordance with mutually agreed to backup and restore policies and procedures, including performance of daily, weekly, monthly, quarterly and annual backup functions (full volume and incremental) for data and software maintained on Servers and storage systems including interfacing with BYPL's specified backup media storage facilities;

### **FMS Vendor shall ensure:**

- Backup and restore of data in accordance to defined process / procedure.
- 24 x 7 support for file & volume restoration requests
- Maintenance and Upgrade of infrastructure and/or software as and when needed.
- Performance analysis of infrastructure and rework of backup schedule for optimum utilization.
- Generation and publishing of backup reports periodically.
- Maintaining inventory of onsite tapes.
- Forecasting tape requirements for backup.
- Ensuring failed backups are restarted and completed successfully within the backup cycle.
- Monitor and enhance the performance of scheduled backups
- Real-time monitoring, log maintenance and reporting of backup status on a regular basis.
- Management of storage environment to maintain performance at optimum levels.
- Periodic Restoration Testing of the Backup
- Periodic Browsing of the Backup Media
- Management of the storage solution including, but not limited to, management of space, volume, RAID configuration, configuration and management of disk array, SAN fabric / switches, tape library etc.,
- Interacting with Process Owners in developing / maintaining Backup & Restoration Policies / Procedures
- To provide MIS reports as per agreement

## **PERFORMANCE MONITORING AND REPORTING**

Regularly monitor and maintain a log of the performance monitoring of servers including but not limited to monitoring CPU, disk space, memory utilization, I/O utilization, Central Storage etc.

- Regular analysis of events and logs generated in all the sub systems including but not limited to servers, operating systems, databases, applications etc. The system administrators shall also ensure that the logs are backed up and truncated at regular intervals.
- The administrators shall undertake actions in accordance with the results of the log analysis to ensure that the bottlenecks in the infrastructure are identified and fine-tuning is done for optimal performance
- Reporting to BYPL for all system performance monitoring

## **SERVICE MANAGEMENT CONTROLS**

The Bidder must adhere to well-defined processes and procedures to deliver consistent quality services throughout its contractual period.

The bidder must define the processes/procedures which ensure the service delivery as per the required SLAs or exceed it. It should cover various equipment's such as all the servers, networks, switches, SAN, Modems, other site specific services, and the critical services and their supporting hardware, as defined in scope of work.

The bidder is expected to carry the following system management controls during FMS period:

- INCIDENT MANAGEMENT
- TICKETING MANAGEMENT
- PROBLEM MANAGEMENT
- CHANGE MANAGEMENT
- RELEASE MANAGEMENT
- AVAILABILITY MANAGEMENT

## **PERFORMANCE MANAGEMENT**

The recording, monitoring, measuring, analyzing, reporting, and forecasting of current levels, potential bottlenecks, and enhancements of performance characteristics for the services, networks, applications, system software, and equipment within the scope shall be required. System tuning and optimization is an inherent part of this contract. Where warranted, the vendor will utilize capacity management data in combination with performance management data to identify ways to improve performance levels of the resources, extend their useful life, and request BYPL to approve revisions/upgrades to

the computing and communications hardware, software and other equipment's such that higher levels of performance of the resources are obtained.

## **CAPACITY MANAGEMENT**

The continuous monitoring, periodic analysis, and forecasting of the changes necessary to quantify capacity and configuration of finite resources comprising the computing and communication hardware and software infrastructure supported under this initiative by the Bidder. Categories of resources to be capacity managed include but are not limited to servers & system software.

## **SECURITY MANAGEMENT**

The protection from unauthorized usage, detection of intrusions, reporting as required and proactive prevention actions are to be provided by the vendor.

Deliverables:

- Configuration & Change Management
- Policy Fine-tuning
- Release Management
- Backup & Restoration Management
- Fault Management
- Security Device/Appliance Restoration
- Problem Management

## **RESOURCES FOR PROJECT & SERVICE MANAGEMENT**

The bidder shall deploy adequate number of L1 & L2 personnel for providing Facility Management services in each shift of the day with L3 resource at remote/onsite when required. Further there shall be one team leader available, which would take care of the project and share the MIS reports time to time.

The bidder shall be required to depute on-site personals to meet the Services requirement as described above. All the resources depute on-site should be as per Indian Labor Law and

- **ONSITE SERVICE ENGINEERS** – Shall be required to undertake the responsibilities of System Administrator and Troubleshooting of multi-brand Hardware. OEM Windows/Linux certified engineer shall be required for System administration, repair & maintenance, with knowledge and expertise on the various Linux flavors and Windows Operating System. Microsoft certified Professional shall be required for Intel Servers.

- OPERATIONS MANAGEMENT RESOURCES – The Bidder shall be required to deploy adequate number of engineers responsible for day-to-day operations (including back up etc.) and monitoring in each shift on all days of the week on 24x7 days.
- GENERAL QUALIFICATION & EXPERIENCE OF RESOURCE PERSONS – The engineers deployed for the job must have suitable qualification, experience and certification for the assigned job. If the service of particular personnel is not satisfactory, owner shall ask for the suitable replacement and the Bidder shall be required to provide backup manpower on next working day with replacement within 15 working days. Resources deploy should be at least 3 year Diploma/ Graduation holders with technical certifications w.r.t their domains.
- Training - Bidder should also be responsible for the time to time training of resources on Soft Skill and Technical trainings to the relevant domains.
- Bidder’s additional / proposed strength for the above mentioned Services in the Scope of Work would be as per the below criteria:

Levels	Minimum Experience in Years
L1 Resources	3-5 Years
L2 Resources	5-8 Years
L3 Resources	8 Years and above

**FMS DURATIONS/ SERVICE LEVELS/ CRITICALITY**

Typical Facility Management Services Availability & duration of their requirement are tabulated below for reference. BYPL may modify as per its own requirements.

SERVICE AVAILABILITY & CRITICALITY CHART		
SERVICE	DURATION	CRITICALITY
ASSET MANAGEMENT SERVICES	8X6	MEDIUM
VENDOR MANAGEMENT SERVICES	8X6	MEDIUM
AMC TRACKING	8X6	MEDIUM
DATACENTER & SERVER ADMINISTRATION	24X7	CRITICAL
DATABASE ADMINISTRATION SERVICES	8X6	URGENT
ANTIVIRUS & SECURITY ADMINISTRATION	8X6	URGENT
NETWORK MANAGEMENT-WAN	24X7	CRITICAL
NETWORK MANAGEMENT-LAN	12X6	HIGH
BACKUP & STORAGE MANAGEMENT	AS PER SCHEDULE	HIGH

Service level duration can be extended during FMS tenure period as per any outage/ emergency requirements.

### CRITICALITY DEFINITION CHART

Support	Criteria	Maximum Response	Resolution Time
Critical	The system is unable to be used for normal business activities. There is certainty of financial loss to PURCHASER.	15 Minutes	2 Hours
High	The efficiency of users is being impacted, but has a viable workaround.	30 Minutes	4 hours
Medium	A low impact problem that affects the efficiency of users but has a simple workaround.	1 Hours	6 Hours
Low	A fault, which has no particular impact on processing of normal business activities.	2 Hours	12 Hours

Note: Bidder is required to present the technical model cum document for FMS support along with the technical bid where-in all aspects are covered including calculation and monitoring of SLA's.

#### Compliance Matrix:

Vendor will adhere to the under mentioned expected deliverables from BYPL. Vendor will understand the SCOPE OF WORK before giving the proposal.

S No.	Overall Expectations from vendor	Compliance	Remarks
1	Technical Deliverables		
2	Reporting & Documentation		
3	Asset Management		
4	Vendor Management		
5	Server / Storage Support		
6	Network Support		
7	Security Support		
8	RCA & Service Improvement		
9	Nationwide Presence		
10	ISO certified for IT Services		

**Annexure-2 (Karkardooma Data Center Inventory)**

Locatic	Asset Type (Mandatory)	Asset Brand (Mandatory)	Version / Model (Mandatory)	Asset Description	Ql
KKD DC	Blade Chassis	IBM	8852-4TA	IBM BladeCenter H Chassis	1
KKD DC	Blade Chassis	IBM	8852-4TA	IBM BladeCenter H Chassis	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Blade Server	IBM	7870-AC1	Blade center HS22	1
KKD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
KKD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
KKD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
KKD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
KKD DC	L3 Switch	Cisco 3560	WS-C3560G-24TS	WS-C3560G-24TS	1
KKD DC	L3 Switch	Cisco 3560	WS-C3560G-24TS	WS-C3560G-24TS	1
KKD DC	Router	Cisco ASR 1004	ASR1004	ASR1004	1
KKD DC	Firewall	Cisco ASA 5540	ASA-5540	ASA-5540	1
KKD DC	Firewall	Cisco ASA 5540	ASA-5540	ASA-5540	1
KKD DC	Router	Cisco 1921	CISCO1921/K9	CISCO1921/K9	1
KKD DC	Firewall	Forigate	FG-311B	Fortigate 311B	1
KKD DC	Firewall	Forigate	FG-311B	Fortigate 311B	1
KKD DC	Analyzer	Forigate	FAZ-100C	Fortianalyzer 100C	1
KKD DC	L3 Switch	Cisco 3560	WS-3560X-24T-S V05	WS-3560X-24T-S V05	1
KKD DC	L3 Switch	Cisco 3560	WS-3560X-24T-S V05	WS-3560X-24T-S V05	1
KKD DC	Router	Cisco 7606	Cisco 7606	Cisco 7606	1
KKD DC	NAS	LenovoEMc	px12-400r	LenovoEMc px12-400r	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	Rack Server	Dell	PowerEdge R530	PowerEdge R530 Server	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TC-S	WS-C2960-24TC-S	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TT-L V09	WS-C2960-24TT-L V09	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TC-S	WS-C2960-24TC-S	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TT-L V09	WS-C2960-24TT-L V09	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TT-L V03	WS-C2960-24TT-L V03	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24-TC-L	WS-C2960-24-TC-L	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TC-S	WS-C2960-24TC-S	1
KKD DC	Router	Cisco 2811	Cisco 2811	Cisco 2811	1
KKD DC	L2 Switch	Cisco 2950	WS-C2950-24	WS-C2950-24	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TC-L	WS-C2960-24TC-L	1
KKD DC	L2 Switch	Cisco 2960	WS-C2960-24TC-L	WS-C2960-24TC-L	1
KKD DC	Router	Cisco 2911	CISCO2911-K9	CISCO2911-K9	1
KKD DC	Firewall	Juniper	Juniper SRX550	Juniper SRX550	1
KKD DC	Firewall	Juniper	Juniper SRX550	Juniper SRX550	1

### Annexure-3 (SCADA Data Center Inventory)

Location	Asset Type (Mandatory)	Asset Brand (Mandatory)	Version / Model (Mandatory)	Asset Description	Qty
SRD DC	Blade Chassis	IBM	8721-HC1	IBM Flex System Enterprise Chassis	1
SRD DC	Blade Chassis	IBM	8721-HC1	IBM Flex System Enterprise Chassis	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Blade Server	IBM	8737-AC1	IBM Flex System x240 Compute Node	1
SRD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
SRD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
SRD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
SRD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
SRD DC	Rack Server	IBM	7915-AC1	IBM System x3650 M4	1
SRD DC	L2 Switch	Cisco 2950	WS--C2960S-24TS-L V03	WS--C2960S-24TS-L V03	1
SRD DC	L2 Switch	Cisco 2950	WS--C2960S-24TS-L V03	WS--C2960S-24TS-L V03	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	L2 Switch	Cisco 2960	WS--C2960-24TT-L V11	WS--C2960-24TT-L V11	1
SRD DC	SAN	IBM	SAN-1746-C2A	IBM Storage DS3512	1
SRD DC	Router	Cisco ASR1006	ASR1006	ASR1006	1
SRD DC	L3 Switch	Cisco 3560	WS-3560X-24T-S V05	WS-3560X-24T-S V05	1
SRD DC	L3 Switch	Cisco 3560	WS-3560X-24T-S V05	WS-3560X-24T-S V05	1
SRD DC	Firewall	Cisco ASA 5520	ASA-5520	ASA-5520	1
SRD DC	Firewall	Cisco ASA 5520	ASA-5520	ASA-5520	1



**Annexure-4 (Minimum Man Power)**

S. No.	Particulars	Minimum required resource	Location
1	Asset Coordinator	1	Onsite
2	LAN Support	3	Onsite
3	MIS/ Reporting Coordinator	1	Onsite
4	L1/L2 Network Admin	10	Onsite
5	L1/L2 Server/Storage Admin	5	Onsite
6	L1/L2 DBA / Backup Admin	3	Onsite
7	L3 Network Admin support	As required	Off-site
8	L3 Server / Storage Admin support	As required	Off-site
9	L3 DB / Backup Admin support	As required	Off-site

Note: The above count is indicative and minimum required resource anyway bidder needs to check and provide resource to keep the IT services up and running as per the service levels and criticality.

**Annexure-5 (Service Level Agreement)**

**Purpose of this Agreement**

The purpose of this SLA is to clearly define the levels of service to be provided by Supplier to Purchaser for the duration of this contract or until this SLA has been amended. The benefits of this SLA are to:

1. Trigger a process that applies Purchaser and Supplier management attention to some aspect of performance only when that aspect drops below an agreed upon threshold, or target.
2. Makes explicit the performance related expectations on performance required by the Purchaser
3. Assist the Purchaser to control levels and performance of services provided by Supplier
4. This SLA is between Supplier and Purchaser.

**Duration of SLA**

This Service level agreement would be valid for entire period of contract. This SLA may be reviewed and revised timely as per SLA Change Control described later in this document.

**Service Level Agreements & Targets**

This section is agreed to by Purchaser and Supplier as the key supplier performance indicator for this engagement. The following section reflects the measurements to be used to track and report systems performance on a regular basis. The targets shown in the following tables are for the period of contact or its revision whichever is later.

Table 2: Service Level Chart

Service	Parameter	Service Level	Validation	Penalty
Helpdesk	Resolution of ticket logged as per the Severity definition chart	99%	Reports Generated from Ticket logging system	95%-99% calls resolved in specified time: 2% penalty on the monthly FMS charges
				90% - 95% calls resolved in specified time: 5% penalty on the monthly FMS charges
Asset / Inventory Management	Provide Monthly MIS Asset Inventory	95%	Report	0.2% of monthly FMS charges
	Conduct Annual Physical Asset verification	100%	Management approval of Physical Asset Verification report	0.5% of Yearly FMS charges
Supplier Management Services	Evaluation of Supplier Performance on quarterly basis	100%	Management approval of Supplier Performance evaluation report	0.5 % of Quarterly FMS charges
	Tracking of Supplier SLA & tickets logged with suppliers	95%	Status of tickets logged with Suppliers	0.5% of monthly FMS charges
Antivirus Management	Rollout of latest anti-virus definition file on work stations and Servers on being made available on Supplier's website	98%	Reports Generated from Anti Virus software console	1% of monthly FMS charges

Network Monitoring & Management	SI to monitor the availability of the network link for 99% uptime. SI should measure link availability on a monthly basis.	99%	Downtime reports  Reports on the Network performance	Penalty of 2% per month will be deducted from the monthly FMS charges of that utility, if the reports are not submitted by the SI. Important: A separate SLA will be signed with bandwidth provider.
Network Monitoring & Management	Resolution of ticket logged related to Networks	99%	Reports Generated from Ticket logging system	2% of monthly FMS charges
	Data Centre Network Availability	99.80%	Report	• 2% of monthly FMS charges for less than 99.8%
	Minimum of 99.8% uptime measured on a monthly basis			• 3% of monthly FMS charges for less than 98.0%
				• 5 % of monthly FMS charges for less than 95%
	Remote Offices Network Availability	98%	Report	• 2% of monthly FMS charges for less than 98%
	Minimum of 98% uptime measured on a monthly basis			• 3% of monthly FMS charges for less than 97%

				• 5 % of monthly FMS charges for less than 95%
Data Centre Operations	MIS reporting on physical and environmental conditions controls	95%	Report	0.2 % of monthly FMS charges
	MIS reporting of health checkup of all systems & modules installed	95%	Report	0.2 % of monthly FMS charges
Server Administration / Management	Rollout of patches (OS, infra level) on workstations and Servers after patch being approved on test environment	98%	Patch update report	0.5% of monthly FMS charges
	Uptime of app servers	99.80%	Report	<ul style="list-style-type: none"> <li>• 2% of monthly FMS charges for less than 99.8%</li> <li>• 3% of monthly FMS charges for less than 98%</li> <li>• 5 % of monthly FMS charges for less than 95%</li> </ul>
	Uptime of servers	99.8%	Report	<ul style="list-style-type: none"> <li>• 2% of monthly FMS charges for less than 99.8%</li> <li>• 3% of monthly FMS charges for less than 98%</li> <li>• 5 % of monthly FMS charges for less than 95%</li> </ul>
Database Administration services	MIS report of database scheme, disk space, storage and user role	99%	Report	0.5% of monthly FMS charges

Backup/Restore Management	The bidder should take backup as per the backup schedule defined by utility	99%	Report	If the negligence is found in monthly audit, the Bidder would be penalized a sum of Rs. 5,000/- per negligence.
	Utility would periodically (once a six months on a random day) request the bidder to restore the backup data	100%	Report	Rs 5000/- for every restore test failure
Resource Management	Number of shift days for which resource present at the designated location / Total number of shift days	98% averaged over all resources designated for SI services - calculated on a monthly basis	<ul style="list-style-type: none"> <li>• Attendance track</li> <li>• Call Log</li> <li>• Audit calls/ Visits Measured on a monthly basis</li> </ul>	If the resource availability is less than 95%, then payment shall be deducted based on the pro- rata basis. (Total FMS cost per day divided by nos. of persons deployed) Further deduction Rs.2,000/- per day per engineer/shall also be made on account of loss of Utility/ Services
Resource Management	Resource provided is not as per specified certification / experiences	100% of the resource given	Experience Certificate of FMS personnel submitted by Supplier to Utility	Per day deduction = 0.5 * (Monthly value for that manpower as per SOR) / 30

Note: The total cumulative penalty shall not exceed 10% of the monthly billing value.

Uptime Calculation for the month:

$$\{[(\text{Actual Uptime} + \text{Scheduled Downtime}) / \text{Total No. of Hours in a Month}] \times 100\}$$

"Actual Uptime" means, of the Total Hours, the aggregate number of hours in any month during which each equipment, is actually available for use.

"Scheduled Downtime" means the aggregate number of hours in any month during which each equipment, is down during total Hours, due to preventive maintenance, scheduled

maintenance, infrastructure problems or any other situation which is not attributable to Supplier's (or Service provider's) failure to exercise due care in performing Supplier's responsibilities.

The Purchaser would provide a maximum of 04 hours of planned downtime for the preventive maintenance (as part of scheduled downtime) per month per equipment/service.

The downtime for scheduled maintenance (patch application, upgrades – OS, Database, etc.) would need to be mutually agreed between Utility and the Bidder. To reduce this time, various maintenance activities can be clubbed together with proper planning.

"Total Hours" means the total hours over the measurement period i.e. one month (24 \* number of days in the month).

#### Downtime Calculation:

The recording of downtime shall commence at the time of registering the call with Supplier or Service Provider for any downtime situation for the equipment.

Downtime shall end when the problem is rectified and the application/ service is available to the user.

Down time will not be considered for following:

1. Pre-scheduled preventive maintenance and health checks (Scheduled Downtime).
2. Failover time (30 minutes) in case of cluster environment. Beyond which the service would be considered to be not available and appropriate penalty shall be imposed on the Supplier.
3. Bug in any application which causes the non-availability of the service.

If the utility elects to continue the operation of the machine / equipment, when a part of the machine is giving problem and leading to downtime, the commencement of downtime shall be deferred until the utility releases the machine / equipment to the Bidder for remedial action.

#### Breach of SLA

In case the bidder does not meet the service levels mentioned as per above table, for three (3) continuous time-periods as specified in the relevant clause, the Purchaser will treat it as a case of breach of Service Level Agreement. The following steps will be taken in such a case:-

1. Purchaser issues a show cause notice to the Supplier.
2. Supplier should reply to the notice within three working days.
3. If the Purchaser authorities are not satisfied with the reply, the Purchaser will initiate termination process as per termination clause.

#### Exclusions

The Supplier will be exempted from any delays or slippages on SLA parameters arising out of following reasons:-

1. Delay in execution due to delay (in approval, review etc) from Purchaser's side. Any such delays will be notified in written to the IT Team.
2. The network links will be provided by a third party and the Supplier will monitor and report any problems on behalf of third party. If Supplier notifies and Purchaser approves that the delay or fault was due to the third party link services then such loss will not be considered for tracking Supplier's SLA parameters (Also reduced from total service time).

#### Monitoring and Auditing

IT Team of Purchaser will review the performance of Supplier against the SLA parameters each month, or at any periodicity defined in the contract document. The review / audit report will form basis of any action relating to imposing penalty or breach of contract. Any such review /Audit can be scheduled or unscheduled. The results will be shared with the Supplier as soon as possible. Purchaser reserves the right to appoint a third-party auditor to validate the SLA.

## Reporting Procedures

The Supplier's representative will prepare and distribute SLA performance reports in an agreed upon format by the 10th working day of subsequent month of the reporting period. The reports will include — actual versus target. SLA performance, a variance analysis and discussion of appropriate issues or significant events Performance reports will be distributed to the Purchaser's IT Team.

## Issue Management Procedures

### a) General

This process provides an appropriate management structure for the orderly consideration and resolution of business and operational issues in the event that quick consensus is not reached between Purchaser and Supplier. It is expected that this pre-defined process will only be used on an exception basis if issues are not resolved at lower management levels.

### b) Issue Management Process

Either Purchaser or Supplier may raise an issue by documenting the business or technical problem, which presents a reasonably objective summary of both points of view and identifies specific points of disagreement with possible solutions.

- Purchaser and the Supplier's representative will determine which committee or executive level should logically be involved in resolution.
- A meeting or conference call will be conducted to resolve the issue in a timely manner. The documented issues will be distributed to the participants at least 24 hours prior to the discussion if the issue is not an emergency requiring immediate attention.
- Management of Purchaser and Supplier will develop a temporary, if needed, and the permanent solution for the problem at hand. The Supplier will then communicate the resolution to all interested parties.
- In the event a significant business issue is still unresolved, the arbitration procedures described in the Contract will be used.

## SLA Change Control

### a) General

It is acknowledged that this SLA may change as Purchaser's business needs evolve over the course of the contract period. As such, this document also defines the following management procedures:

1. A process for negotiating changes to the SLA.
2. An issue management process for documenting and resolving particularly difficult issues.
3. Purchaser and Supplier management escalation process to be used in the event that an issue is not being resolved in a timely manner.

Any changes to the levels of service provided during the term of this agreement will be requested, documented and negotiated in good faith by both parties. Either party can request a change. Changes will be documented as an addendum to this document and consequently the contract.

### b) SLA Change Process



Both the parties may amend this SLA by mutual agreement in accordance. Changes can be proposed by either party. Normally the forum for negotiating SLA changes will be Purchaser's monthly review meetings.

**c) Version Control**

All negotiated SLA changes will require changing the version control number. As appropriate, minor changes may be accumulated for periodic release (e.g. every quarter) or for release when a critical threshold of change has occurred.

**Management Escalation Procedures**

The purpose of this escalation process is to provide a quick and orderly method of notifying both parties that an issue is not being successfully resolved at the lowest possible management level. Implementing this procedure ensures that purchaser and Supplier management are communicating at the appropriate levels. Escalation should take place on an exception basis and only if successful issue resolution cannot be achieved in a reasonable time frame.

2. All issues would be raised to the project management team, which is completely responsible for the day to day aspects of the implementation. The project management team shall classify the issues based on their severity level and resolve them within appropriate timelines.
3. If project management team is unable to resolve an issue, the issue would be escalated to the top management with options/ risks detailed for decision. Top management will make decisions based on the options/ risks presented by the IT team.

**Termination Process:**

BYPL reserve the rights to terminate the FMS contract on the basis of non-performance of the FMS vendor for continuous 3 months with a notice period of 3 months.

**Contract period:**

Contract period will be for 1 years with releasing work order every year on the basis of FMS performance.

**SECTION-V**

**Commercial Bid/Price Format**

**Sub: - FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware)”**

S.N	Activity	UOM	Rate Per Month (₹)	Amount
1	FACILIT MANAGEMENT SERVICES (Data Centre, Server/DB, Network & Hardware)	LSM (Per month)		

BYPL may ask the bidders to submit the breakup/justification of quoted price. In case it is observed that the prices quoted by bidder are not sustainable over the contract period, such bids shall be rejected. And no further communication shall be entertained in this regard. The decision of BYPL in this regards shall be final and binding on the bidders.

Note-

- GST will be extra as per prevailing rates.
- The bids shall be evaluated based on total inclusive value for total cost.
- The bidder shall quote prices strictly in the above format, failing to do so; bids are liable to be rejected.

Signature of Authorized Signatory

Name & Seal of Company

**SECTION-VI**

**BID FORM**

To  
Head of Department  
Contracts & Material Deptt.  
BSES YAMUNA Power Ltd  
IIIrd Floor, A Block  
Shakti Kiran Building, Karkardooma  
Delhi 110032

Sir,

- 1 We understand that BYPL is desirous of procuring of ..... in its licensed distribution network area in Delhi
  - 2 Having examined the Bidding Documents for the above named works, we the undersigned, offer to deliver the goods in full conformity with the Terms and Conditions and technical specifications for the sum of..... (figures.....) or such other sums as may be determined in accordance with the terms and conditions of the contract .The above amounts are in accordance with the Price Schedules attached herewith and are made part of this bid.
  - 3 If our Bid is accepted, we undertake to deliver the entire goods as per delivery schedule mentioned in Section IV from the date of award of purchase order/letter of intent.
  - 4 If our Bid is accepted, we will furnish a performance bank guarantee for an amount of 5% (Five)percent of the total contract value for due performance of the Contract in accordance with the Terms and Conditions.
  - 5 We agree to abide by this Bid for a period of 90 days from the due date of bid submission and it shall remain binding upon us and may be accepted at any time before the expiration of that period.
  - 6 We declare that we have studied the provision of Indian Laws for supply of equipments/materials and the prices have been quoted accordingly.
  - 7 Unless and until Letter of Intent is issued, this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
  - 8 We understand that you are not bound to accept the lowest, or any bid you may receive.
  - 9 There is provision for Resolution of Disputes under this Contract, in accordance with the Laws and Jurisdiction of Contract.
- Dated this..... day of..... 2021  
Signature..... In the capacity of .....  
.....duly authorized to sign for and on behalf of  
(IN BLOCK CAPITALS).....

**ANNEXURE -I**

**STATUTORY REQUIREMENTS:**

The Contractor should obtain and must submit the following to Company before commencement of Contract and these shall renewed from time to time as and when required:

- 1A. Any special permission which may be required under the statutes or any other applicable laws before the commencement and implementation of the support services as contemplated under the present contract which are related to assisting the utility in the enforcement of theft of electricity which is a penal offense under the electricity act 2003
- a) PF Code No. and all employees to have PF A/c No. under PF every Act, 1952.
  - b) All employees to have a temporary or permanent ESI Card as per ESI Act.
  - c) ESI Registration No.
  - d) GST registration number.
  - e) PAN No.
  - f) Contract Tax Registration Number

The Contractor must follow:

- a) To follow Minimum Wages Act prevailing in the state.
- b) Salary / Wages to be distributed through ECS to all the deployed work force or in presence of Company's representative not later than 7th of each month.
- c) To maintain Wage-cum -Attendance Register.
- d) The resource which is not covered under ESI should be covered by a suitable mediclaim policy including family floater of Minimum Value of ₹ 2.00 lacs
- e) To maintain First Aid Box at Site. e) Latest P.F. and E.S.I. challans pertaining to the period in which Contract was undertaken along with a certificate mentioning that P.F. and E.S.I. applicable to all the employees has been deducted and deposited with the Authorities within the time limits specified under the respective Acts.
- f) **INSURANCE POLICY FOR LIFE COVER:**  
Contractor must take a GPA (Group Personal Accidental Policy) for staff deployed in BYPL for this work to insure against any loss of life which may occur during the contract period for the work of the BYPL. The Policy shall have coverage of ₹ 10 Lacs (Death+ Permanent Total Disability + Partial Permanent Disability)
- g). Antecedents verification of deployment  
Without limiting the foregoing terms of the present Order/ Contract the contractor shall, within two months of deployment of its employee at any of BYPL's offices/installations under the present Order/ Contract, conclude background check(s) of personal information including all documents, educational certificates, references, previous employment records, civil records, criminal records, general antecedents and any other relevant information, of all personnel appointed from the effective date. Contractor shall also conduct similar background check before deploying any new employee for any BYPL assignment. Such background check(s) shall be conducted with prior consent of the personnel. The Contractor further agrees to indemnify and keep BYPL indemnified against any action by any of its employee arising out of or against any such background check(s).
- h). In order to monitor the performance of each of the employees deployed by the contractor under the contract, contractor shall implement an effective measure, such as employee score card.

To motivate his employees to achieve high level of performance standard, the contractor shall formulate and implement an appropriate R&R Policy based on aforesaid performance measure which will include advisory action also

**ANNEXURE - II**

**FORMAT FOR EMD BANK GUARANTEE**

(To be issued in a Non Judicial Stamp Paper of Rs.100/- purchased in the name of the bank) Whereas [name of the Bidder] (herein after called the "Bidder") has submitted its bid dated [date of submission of bid] for the supply of [name and/or description of the goods] (here after called the "Bid"). KNOW ALL PEOPLE by these presents that WE [name of bank] at [Branch Name and address], having our registered office at [address of the registered office of the bank] (herein after called the "Bank"), are bound unto BSES YAMUNA Power Ltd., with its Corporate Office at SHAKTI KIRAN BUILDING, KARKARDOOMA, Delhi 110032, (herein after called —the "Purchaser") in the sum of ..... (Rupees

..... only) for which payment well and truly to be made to the said Purchaser, the Bank binds itself, its successors, and assigns by these presents. Sealed with the Common Seal of the said Bank this \_\_\_\_\_ day of \_\_\_\_\_ 2021. The Conditions of this obligation are: If the Bidder withdraws its Bid during the period of bid validity specified by the Bidder on the Bid Form; or

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

(a) Fails or refuses to execute the contract form, if required: or

(b) Fails or refuses to furnish the performance security, In accordance with the instructions to Bidders/Terms and Conditions.

We undertake to pay to the Purchaser up to the above amount upon receipt of its first written demand, without the Purchaser having to substantiate its demand, provided that is its demand the purchaser will note that amount claimed by it is due to it, owing to the occurrence of one or both of the two condition(s), specifying the occurred condition or condition(s). This guarantee will remain in force up to and including 90 days after the due date of submission bid, and any demand in respect thereof should reach the Bank not later than the above date.

(Stamp & signature of the bank)

Signature of the witness(s)

**ANNEXURE –III**

**PROFORMA OF PERFORMANCE BANK GUARANTEE  
(TO BE ISSUED ON RS 100/- STAMP PAPER)**

**Bank Guarantee No.**

**Place:**

**Date:**

**To**

**BSES YAMUNA Power Limited**

Whereas BSES YAMUNA POWER LTD (hereinafter referred to as the "Purchaser", which expression shall unless repugnant to the context or meaning thereof include its successors, administrators and assigns) has awarded to M/s..... with its Registered/ Head Office at (hereinafter referred to as the "Supplier" which expression shall unless repugnant to the context or meaning thereof, include its successors administrators, executors and assigns), a contract no. dated (the Contract);

And whereas the value of the Contract is Rs. (The Contract Value)

And whereas it is a condition of the Contract that the Supplier shall provide a Performance Bank Guarantee for the due and faithful performance of the entire Contract for a sum equivalent to - % of the Contract Value to the Purchaser on or before And whereas the Bank under instructions from the Supplier has agreed to guarantee due performance of the Contract.

**Now it is agreed as follows:**

1. we (Name of the Bank) having its Head Office at (hereinafter referred to as the Bank, which expression shall unless repugnant to the context or meaning thereof, include its successors, administrators, executors and assigns) shall indemnify and keep indemnified the Purchaser for, and guarantee and undertake to pay to the Purchaser immediately on written demand, a sum equivalent to % of the Contract Value as aforesaid at any time upto (day/month/year) without any demur, reservation, contest, recourse or protest and/or without any reference to the Supplier, against all losses, damages, costs and expenses that may be caused to or suffered by the Purchaser by reason of any default on the part of the Supplier in performing and observing any and all the terms and conditions of the Contract or breach on the part of the Supplier of terms or conditions of the Contract.
2. The demand shall consist only of an original letter issued by Purchaser stating that the Supplier has failed to fulfill its obligations under the Contract. Such demand made by the Purchaser on the Bank shall be conclusive and binding notwithstanding any difference or dispute between the Purchaser and the Supplier or any difference or dispute pending before any Court, Tribunal, Arbitrator or any other authority.
3. The Bank undertakes not to revoke this guarantee during its currency without previous written consent of the Purchaser and further agrees that the guarantee herein contained shall continue to be enforceable during the period that would be taken for satisfactory performance and fulfillment in all respects of the Contract or in the event of any dispute between the Purchaser and Supplier until the dispute is settled (provided that the claim/ demand under this guarantee is lodged /referred during the currency of this guarantee) or till the Purchaser discharges this guarantee whichever is earlier.
4. The Purchaser shall have the fullest liberty without affecting in any way the liability of the Bank under this guarantee from time to time to extend the time for performance of the Contract by the Supplier. The Purchaser shall have the fullest liberty, without affecting the liability of the Bank under this guarantee, to postpone from time to time the exercise of any powers vested in them or of any right which they might have against the Supplier, and to exercise the same at any time in any manner, and either



to enforce or to forbear to enforce any covenants, contained or implied, in the Contract. or any other course or remedy or security available to the Purchaser. The Bank shall not be released of its obligations under these presents by any exercise by the Purchaser of its liberty with reference: to the matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on the part of the Purchaser or any other indulgence shown by the Purchaser of by any other matter or thing whatsoever which under law would, but for this provision, have the effect of relieving the Bank.

5. The Bank agrees that the Purchaser and its option shall be entitled to enforce this guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Supplier and notwithstanding any security or other guarantee that the Purchaser may have in relation to the Supplier's liabilities.
6. Anything contained hereinabove the liability of the Bank under this guarantee is restricted to a sum equivalent to % of the Contract Value ie. Rs.(Rupees) and it shall remain in force upto and including .Unless a demand to enforce a claim under this guarantee is made against the Bank within 3months from the the above date of expiry i.e. up to all the rights of the Purchaser under the said guarantee shall be forfeited and the Bank shall be released and discharged from all liabilities thereafter.
7. This Performance Bank Guarantee shall be governed by the laws of India.

Dated this Witness day of 2021 at

1. For Bank

2. Signature

Name Power of Attorney No:

Banker's Seal

**Bank Details:**

1. Name of the Bank: Axis Bank Limited
2. Branch Name & Full Address: C-58, Basement & Ground Floor, PreetVihar, Main Vikas Marg, New Delhi 110092
3. Branch Code: 055
4. Bank Account No: 911020005246583
5. IFSC Code: UTIB0000055

**ANNEXURE - IV**

**NON-DISCLOSURE AGREEMENT**

THIS NON-DISCLOSURE AGREEMENT ("Agreement") is made and entered into at Delhi on the \_\_\_\_\_ day of \_\_\_\_\_, 2021

By And Between

\_\_\_\_\_, a company registered under the Companies Act, 1956 and having its registered office at \_\_\_\_\_ (hereinafter referred to as the "Disclosing Party" which expression shall unless repugnant to the meaning and context mean and include its successors and permitted assigns) of the FIRST PART  
And

\_\_\_\_\_, a company incorporated under the Companies Act, 1956 and having its registered office at \_\_\_\_\_, (hereinafter referred to as the "Receiving Party" which expression shall unless repugnant to the meaning and context mean and include its successors and permitted assigns) of the OTHER PART

Disclosing Party and Receiving Party are hereinafter individually referred to as the "Party" and collectively as the "Parties".

WHEREAS the Disclosing Party is in discussions with the Receiving Party for Security Management Services ("Project") and the Disclosing Party may in conjunction with the aforesaid disclose to the Receiving Party information relating to their businesses which is confidential and sensitive in nature and the Receiving Party is willing to undertake to restrict the use and further disclosure of the information in accordance with the terms and conditions set out herein:

1. The "Receiving Party" acknowledges and confirms the confidential and sensitive nature of all information, documents and material relating to Persons and entities which may be accused of or related to the theft of electricity which is a penal offense under the provisions of the electricity act 2003As well as the various data and tools which may be available by way of documents as well as other modes of proof("Project") (i) that may be disclosed or made available to the Receiving Party by the Disclosing Party or its employees/ representatives/ advisors/ consultants; (ii)Receiving Party may gain or gather from any source; (iii) Receiving Party may process or arrive at during the course of the Project; (iv) Receiving Party may have come across during its discussions with any person in the course of the Project; and (v) all negotiations and discussions between the Parties relating to the Project (all the information referred to above is hereinafter referred to as the "Confidential Information").
2. Confidential Information is understood to include but is not limited to information made available in written, machine recognizable, graphic or sample form including, without limitation, drawings, photographs, models, design or performance specifications, its analysis, compilations, studies, notes and all other information and data disclosed orally or visually which has been developed / is exclusive to the Disclosing Party and includes information provided in various meetings.

Provided, however, that Confidential Information shall not include information which (a) is, or becomes, publicly known, otherwise than through a wrongful act of the Receiving Party or its representatives; (b) is in the possession of the Receiving Party prior to receipt from the Disclosing Party or its representatives without an obligation of confidentiality; (c) is independently developed by the Receiving Party, provided that it was not derived from the Confidential Information; (d) is furnished to others by

the Disclosing Party without restrictions, similar to those herein on the rights of such others to use or disclose; or (e) is approved in writing by the Disclosing Party for disclosure.

3. The Receiving Party shall not disclose the Confidential Information to any other person save and except with the express consent in writing given by the Disclosing Party. The Receiving Party, however, may disclose such part of the Confidential Information where (i) such disclosure is in response to a valid order of a court or any other governmental body having jurisdiction over this Agreement or (ii) such disclosure is otherwise required by law, provided that Receiving Party has given prior written notice to the Disclosing Party forthwith it came to learn about such disclosure requirement or the demand for such for disclosure and made all reasonable efforts to protect the Confidential Information in connection with such disclosure.
4. The Receiving Party shall with reference to the Confidential Information take all actions as may be necessary to (i) maintain the confidentiality thereof; (ii) limit its use of such Confidential Information solely for the purpose of the Project; (iii) avoid disclosure even to any of its employees that are not associated with the Project; (iv) avoid any dissemination or publication by any of its employees/ representatives associated with the Project; (v) avoid writing about sensitive information which is disclosed verbally and is sensitive to the operations; and (vi) safeguard the Confidential Information from being accessed by any unauthorized person. Such actions shall include but not be limited to obtaining appropriate non-disclosure undertakings from its employees directly or indirectly engaged in the Project.
5. The Receiving Party hereby agrees to indemnify and hold harmless the Disclosing Party and its directors and employees from and against any damage, loss, cost or liability (including all expenses and costs of enforcing rights under the Agreement) arising out of or resulting from (i) any use or disclosure by the Receiving Party of Confidential Information in violation of the Agreement; (ii) any leakage of the Confidential Information at the end of the Receiving Party or its employees/ representatives; and (iii) breach or violation of any of the other covenants herein.
6. The Receiving Party will, promptly upon the request of the Disclosing Party, deliver to the Disclosing Party, the documents comprising the Confidential Information or any part thereof and will destroy any copies, notes, or extracts thereof, without retaining any copy thereof, except that any portion of the Confidential Information that consists of analysis and any written Confidential Information not so requested and returned, shall be retained and kept subject to the terms of this Agreement, or upon the Disclosing Party's request destroyed (such destruction to be confirmed in writing).
7. The term of this Agreement is 1 years from the date of execution of this Agreement. However, the obligation to maintain confidentiality of the Disclosing Party's information shall survive the termination of this Agreement. Any violation of this agreement may lead to termination of all the relations with the Receiving party and black listing/ debarring of the Agency for future engagements.
8. This Agreement shall be governed by the laws of India. Any dispute, difference or claim related to or arising under, out of or in connection with this Agreement shall be resolved subject to the jurisdiction of Delhi Courts.

For the Disclosing Party

\_\_\_\_\_  
Authorized Signatory  
Name:  
Designation:

For the Receiving party

\_\_\_\_\_  
Authorized Signatory  
Name:  
Designation:

**ANNEXURE-V**

Safety Clauses as per direction of Head (Safety) BYPL on 14.05.19

1.00 All contractors have to observe safety day/ week on 4th March to 10th march every year with proper planning and record to create safety awareness inside their organization. A detail report of observing the same to be forwarded to safety department every year

2.00 Guidelines for Penalty Policy Implementation

2.1 Penalty for not following SOP already circulated.

A penalty of Rs. 500/- shall be levied on contractor for not following SOP and creating unsafe condition at work place.

2.2 Penalty for Misconduct:

2.2.1) A penalty of Rs. 10000.00 shall be levied on contractor for the first incident of misconduct.

2.2.2) A penalty of Rs. 25000.00 shall be levied on contractor for the second incident of misconduct.

2.2.3) A penalty of Rs. 50000.00 shall be levied on contractor for the third incident of misconduct & termination of the contractor.

2.2.4) Depending upon the level of mal practice, Engineer In-Charge/Head (Civil) can take decision which will have on report of misconduct, the matter will be scrutinized at appropriate level and the complaint found genuine above Penalties shall be applicable.

2.3 Penalty Policy on Safety Violation Class / Type of Offense / Penalty Detail / Execution Channel

2.3.1 Not Wearing Safety Helmets Safety boots/ Safety Goggles / Electrical insulating hand Gloves (Poor quality or damaged item means noncompliance)

# First Offence - Warning Note & Rs.2000/-

# Second Offence - Warning Note & Fine of Rs.5000/-

# Third Offence- Note of recommendation of the concerned workmen / supervisors /agency for termination of his job & Fine of Rs.15000/-  
Recommendation by OHS-Representative/ EIC.

Approval by Safety Head, Deduction by Finance & Account

2.3.2. Not wearing Full Body Harness/fall arresters while working at a height more than 1.8 meter or wherefrom a person may fall. Not using Safety Net to arrest falling objects and personnel. (Poor quality or damaged item means noncompliance)

# First Offence - Warning Note & Fine of Rs.5000/-

# Second Offence - Warning Note for dismissal and a Fine of Rs.10000/-

# Third Offense - Action for the concerned workman/  
supervisor/agency for termination of his job  
and a fine of Rs.25000/-

Recommendation by OHS-Representative/ /EIC  
Approval by Safety Head, Deduction by Finance & Account

2.3.3 Not wearing Electrical Gloves/Electrical Safety boots/ Not using electrically safe tools  
and equipments. (Poor quality or damaged item means noncompliance)

# First Offence - Warning Note & Fine of Rs.5000/-  
# Second Offence - Warning Note for dismissal and a Fine of  
Rs.10000/-  
# Third Offence - Action for the concerned workman/  
supervisor for termination of his job and  
a fine of Rs.25000/-

Recommendation by OHS-Representative/EIC  
Approval by Safety Head, Deduction by Finance & Account

2.3.4. Any other unsafe work practices or condition which is considered having potential for  
fatality or injury to personnel.

# First Offence - Warning Note & Fine of Rs.10000/-  
# Second Offence - Action for the concerned workmen/ supervisors  
or termination of his job and fine of  
Rs.20000/-.

Recommendation by OHS-Representative/EIC  
Approval by Safety Head, Deduction by Finance & Account

Notes:

# If there are 03 violations by an individual employee / supervisor of the vendor,  
services will be terminated.

# If there are 10 violations in one quarter, will be recommended for termination of  
contract order.

1. Total penalty shall be calculated by multiplying the number of safety violations and  
the penalty amount specified for such violations. (Example - If at first offence 3  
persons are found working without safety helmet, the penalty would be  $3 \times 2000 =$   
Rs.6000/-)
2. The amount of penalty can be increased or decreased based upon the seriousness  
of safety violations. The decision of recommending authority shall be final one.
3. Recommending authority shall fill the Annexure #1 based upon his factual  
observations and shall send it to / EIC and Safety Head who in turn shall either reject  
or approve it. If approved, he shall send it to Finance & Accounts for execution.  
Finance Accounts shall execute the penalty and confirm the same in the Annexure &  
shall send it back to EIC/Head(Civil) and Safety Head.

4. Recommending Authority means all, EIC, HODs, Site Safety officer / Supervisor, representatives from EHS and other personnel authorized jointly by O&M / Civil.
5. EIC and Safety Head may impose penalty for serious violations directly.
6. All penalties shall be imposed directly on the concerned contractors. No penalty shall be imposed on individuals.
7. Safety violations to be considered for Penalty are classified as A, B & C.

**ANNEXURE-VI**

**BSES YAMUNA POWER LIMITED**  
**(Name of Site)**  
**Safety Appreciation / Violation Memo**

DIVISION/Area: ----- Date & Time: -----

Name of Contractor: ----- Activity: -----

Name of EIC: -----

Appreciation/Penalty Memo#:

S.N	Safety Violation Details	Class (A/B/C)	No. of Violations	Penalty per Violation (Rs)	Penalty Amount (Rs)	Remarks
1						
2						
3						
4						
5						

Safety Appreciation/Violation Note:

Recommended By: Name: ----- Designation: ----- Sign/Date: -----

Approved By (EIC): Name: ----- Designation: ----- Sign/Date: -----



**ANNEXURE-VII**

**BSES YAMUNA POWER LIMITED**  
**(Name of Site)**

**Monthly Status of PPE's / Tool Kit**

Location/Area: ----- Date & Time: -----

Name of Contractor: ----- No of Labourers

Status of PPE's

S.N	Name of PPEs / Tool (if applicable)	No. Of PPEs	Condition	Remarks
1	Safety Helmet			
2	Safety Goggle			
3	Electrical Insulating Hand gloves			
4	Full Body Harness			
5	Safety Shoes			
6	Reflective Jacket			

Signature / Date #####.

**ANNEXURE-VIII**

**BSES YAMUNA POWER LIMITED**  
**(Name of Site)**

**Monthly Status - Accident / Incident**

Location/Area: ----- Date & Time: -----

Name of Contractor: -----

Table - 1: Summary of Accident /Incident / Near Miss / Dangerous Occurrences / First Aid:

S.N /Dangerous	Type of Accident /Incident Occurrences / First Aid	Person Injured Description	Brief /Near	Miss
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1  
2  
3

4  
5

Table - 2: Learning from Incidents:

S.N	Brief Description	Root Cause	Recommendation
1			
2			
3			
4			
5			

Table - 3: Summary of Person Injured:

S.N	Name of Employee Emp. ID / Designation /PF no/ESI no	Type of Injury	Duration of Medical Rest From : To
1			
2			
3			
4			
5			

Table - 3 : Safety Inspections / Violation

S. No.	Date	Location	Discrepancies	Compliance
1				
2				
3				
4				
5				

Table - 4 : Health & Safety Complaints & Sugesstions :

S. No.	Date	Location	Complaints / Sugestion
1			
2			
3			
4			
5			

Measures to avoid recurrences for all above mentioned discrepancies (Attach relevant documents if required)

-----  
-----

Signature / Date #####.

**ANNEXURE-IX**

**BSES YAMUNA POWER LIMITED**  
**(Name of Site)**

**Format - PPE's Receipt by workers**

Division:

Name of Contractor:

S.NO.	NAME	DESI.	Safety Helmet	Electrical Insulating gloves	Hand
			Full Body Harness	Safety Shoes	Safety Goggle
			Reflective Jacket	SIGNATURE	
1					
2					
3					
4					

Signature of Contractor / Date#####.

**ANNEXURE-X**

**QUALITY OF SAFETY TOOLS**

- 1). Safety Shoes - With Composite/Fiber toes (CE approved / IS 15298) - Mandatory for all personnel working at BYPL O&M. The safety shoes shall meet the following features:
  1. Electric Shock Resistant Sole
  2. Impact Resistant
  3. Scrap/Heat Resistant
  4. Slip Resistant
  5. Oil and Acid ResistantLead MAKE: BATA/LIBERTY
  
- 2). Safety Helmets: (IS 2925 - 1984 or DGMS) with chin strap - Mandatory for all personnel working at BYPL O&M. The specification of safety helmet shall be as given below:  
V-GARD HDPE Yellow With 4 Point Fast Trac Ratchet Suspension

Shell Material UV stabilise HDPE, Non vented  
Suspension " With 4 Point Fas Trac Ratchet Suspension sewn headband  
" Textile straps made from polyester Suspension  
" point fixing: good positioning, ...stability, better air circulation due to ...limited contact areas with the head  
" Easy clean sweatband Size 52-62 cm  
Accessory slot Standard 30 mm with removable HDPE dead plugs suitable to leak proof fitting  
Approvals ANSI/ IEC Z89.1 Class E (electrical)  
Additional Low temperature -10°C (acc. to GB2811), High temperature +50°C  
Colours Yellow  
weight 360 g

Lead MAKE: 3M / KARAM/Honeywell

- 3). Full Body positioning Harness: (CE approved / IS 3521 / EN 361 / EN 355) - Shall be used while work is in progress at height more than 1.8 meter or where from a person may fall and get injured. The specification of the Full body harness shall be as given below:

Anchorage Adjustable two chest attachment D-rings and A dorsal attachment D-ring  
Adaptability Adjustable shoulder and thigh straps  
Convenience Shoulder and thigh straps differentiated by a dual colour scheme.  
Ergonomics Ideally. Positioned sit strap for extended comfort.  
Size Standard  
weight 1200GMS  
ENERGY ABSORBING FORKED LANYARDS :

Spec. 44mm wide polyamide webbing.  
Length 1.5 Meter

- 4) Safety Spectacles - Shall be used to protect workers eyes from foreign materials and flying particles. Mandatory for all personnel working at BYPL O&M. Safety goggles shall meet the following feature
1. Poly carbonate/ Acetate lens for special applications requiring superior chemical resistance.
  2. Industrial version of tough and popular first responder goggles.
  3. SoftFlex low profile frosted frame for increased comfort.
  4. Comfortable headband with length adjustment.
  5. Indirect venting for comfortable, long lasting wear can be worn with safety helmets and over prescription spactacles.
  6. Sightgard + premium anti-fog coating (EN 166 "N") with good anti- scratch properties.
- Technical Specification:  
Weight 95g.  
Lens thickness 1.0mm  
Overall width 173mm  
Overall length 90mm  
Bridge 47.6mm  
Lens base 5.5 curve  
Lens size 86.1mm verticle, 174mm diagonal  
Headband Adjustable length at max.440mm(long enough to fit together with helmets)

Material & colours

Lens Acetate clear, coating, Sightgard + anti-fog according to EN 166 "N" & anti scratch.

Body PVC smoke

Headband holder Nylone

Headband Adustable grey elastic fixed on frame side parts

Marking / Approvals

Standard number EN 166

Frame marking MSA EN 166 34-FT CE

Lens marking 2C-1.2 MSA 1 FT N CE

Filter class 2C (Ultra violet radiation with enhanced colour recognition)

Scale number 1.2: luminous trasmittance-89%

Optical class 1 (best class, for permanent wear)

Mechanical resistance F (low energy impact 45m/s) T (at extreme temperature -5 to +550 C)

Resistance to N(distorted vision due to lens fogging)

UV filter 99.9%

Ordering information 10145578-FlexiChem Sightgard + clear , 6x

Lead MAKE: MSA / UVEX/ 3M

- 5) Electrical Insulating Hand Gloves - Shall be used to prevent electric shock based upon the hazards/risks involved in a particular activity. Safety goggles shall meet the following feature

Breakthrough manufacturing process delivers exception dry grip.

Soft and flexible for enhanced tactility, high dexterity and wearer comfort.

Ergonomic design featuring tapered fingers to reduce hand fatigue.

Relaxed wrist for easy on/off.

Length 360mm

Class 2

Thickness 3.6mm

Proof test voltage 20000

Maximum use voltage 11000

Tensile strength >16mpa[Mega Pascal]

Puncture resistance >18N/mm [Newton per mili meter]

Elongation at break >600% [Stretching length]

Tension set <15%

It should be resist to oil, acid, ultra violet rays and very low temperature.

Each pair of glove should be marked with class, category, month & year of manufacturing, CE logo, batch no. and certified laboratory no.

EN certified to electrical and thermal hazards,

EN certified to thermal & electrical hazards to confirm EN 60-903,

EN certified to mechanical hazard to EN-388

Lead MAKE: Honeywell / ANSELL

- 6) Reflective Safety Jacket - Class -2 Safety Vest mandatory for all personnel working at BYPL O&M. Shall be used by the worker during the work.
- 7) Warning Tapes - HDPE or LDPE Made of 50 micron thick, non adhesive, width 75mm -Safety Logo embossed at every foot with white and red strips on both sides in

Tubular form - Shall be used for barricading area around excavated pit to warn the personnel not to enter in such areas.

- 8) Road barricading cone with barricading tape - Shall be used by the worker during the operation / maintenance work.
- 9) Arc Protection Suit - shall be used by the worker for all HT/ EHV related works,