

RFT FOR SELECTION OF BIDDER FOR ESTABLISHMENT OF AUTOMATED UNMANNED WEIGHBRIDGE SOLUTION IN GOVERNMENT CHECK GATE FOR I3MS PROJECT

E-Tender No.239/29(06)/1990/STPI-BH/2021

Date: 15.07.2021

Last Date for Submission of bids: 05th of August, 2021 at 05.00 PM

Opening of Technical Bids: 6th of August, 2021 at 05.00 PM

ENVISAGED BY



**Directorate of Mines
Department of Steel & Mines
Govt. of Odisha**



SOFTWARE TECHNOLOGY PARKS OF INDIA

(Ministry of Electronics & I.T. (MeitY), Govt. of India)

**STPI ELITE, Plot No. 2/A, IDCO Industrial Area, Gothapatna
PO- Malipada, District-Khurda, Bhubaneswar-751003, Odisha**

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1. Invitation for Bids

Software Technology Parks of India (STPI), Bhubaneswar invites **“RFT for Selection of Bidder for Establishment of Automated Unmanned Weighbridge Solution in Government Check gates-cum-Weighbridges for i3MS Project”** in Two-Bid System. This RFT document is being published on web Portal <https://bhubaneswar.stpi.in/> and CPP e-Procure Portal <https://eprocure.gov.in/eprocure/app>. Eligible bidders are requested to download the document and submit the online on or before due dates. Interested bidders are expected to examine the tender document carefully. Failure to furnish all information required as per the Tender Document may result in the rejection of the Bid. Any subsequent corrigendum/ clarification will be made available on the website. Details may be downloaded from our website <https://bhubaneswar.stpi.in/> and CPP Portal <https://eprocure.gov.in/eprocure/app>.

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Seek clarification end date	22-07-2021, 17:00
Bid submission start date	15-07-2021, 17:00
Bid submission end date	05-08-2021, 17:00
Technical bid opening date	06-08-2021, 17:00
Financial bid opening date	Will be notified later only to the technically qualified bidders
Address of sending proposal	The Director, STPI, STPI ELITE Building, Plot No. 2/A, IDCO Industrial Area, Gothapatna , PO- Malipada, District-Khurda, Bhubaneswar-751003, Odisha

E-mail ID for sending Queries for clarification	debasis.satapathy@stpi.in
Mode of Submission	Online
Bid Processing Fee	Rs. 10,000/- + GST@18% through digital payment mode like NEFT/RTGS/BHIM.
Earnest Money Deposit (EMD)	Rs. 20,00,000/- (Rupees twenty lakhs only) in the form of Demand Draft / Bank Guarantee from a scheduled commercial bank in favor of STPI, Bhubaneswar or through digital payment mode like NEFT/RTGS/BHIM.
Bid Validity Period	One Hundred Eighty (180) Days from the date of submission of Technical Bid

Yours Sincerely

Director

Software Technology Parks of India
STPI ELITE Building, Plot No. 2/A, IDCO Industrial Area,
Gothapatna , PO- Malipada, District-Khurda,
Bhubaneswar, Pin: 751023, Odisha
Website: <https://bhubaneswar.stpi.in/>

2. Introduction

2.1. Department of Steel & Mines

The Steel & Mines Department is the administrative Department of the Directorate of Mines, the Directorate of Geology and Odisha Mining Corporation Ltd. The department works for the development of the mineral resources of the State and is the authority for mines and minerals development and regulation. It also encourages and provides support for value addition and end use of minerals in the State. Thereby creating facilities for employment, Socio-economic development and fetching more revenue for the State.

The main functions and activities of the Department of Steel and Mines are:

- Systematic survey and assessment of the mineral deposits of the State
- Exploitation of the mineral deposits of the State
- Administration of mines and mineral concession
- Enforcement measures for prevention of illegal mining and smuggling of minerals
- Assessment and collection of mining revenue
- Study of the impact of mining operation on environment
- Formulation of appropriate environmental control measures
- Research and exploitation of areas and minerals for meeting the needs of mineral based industries in the State and Country.

2.2. About the Directorate of Mines

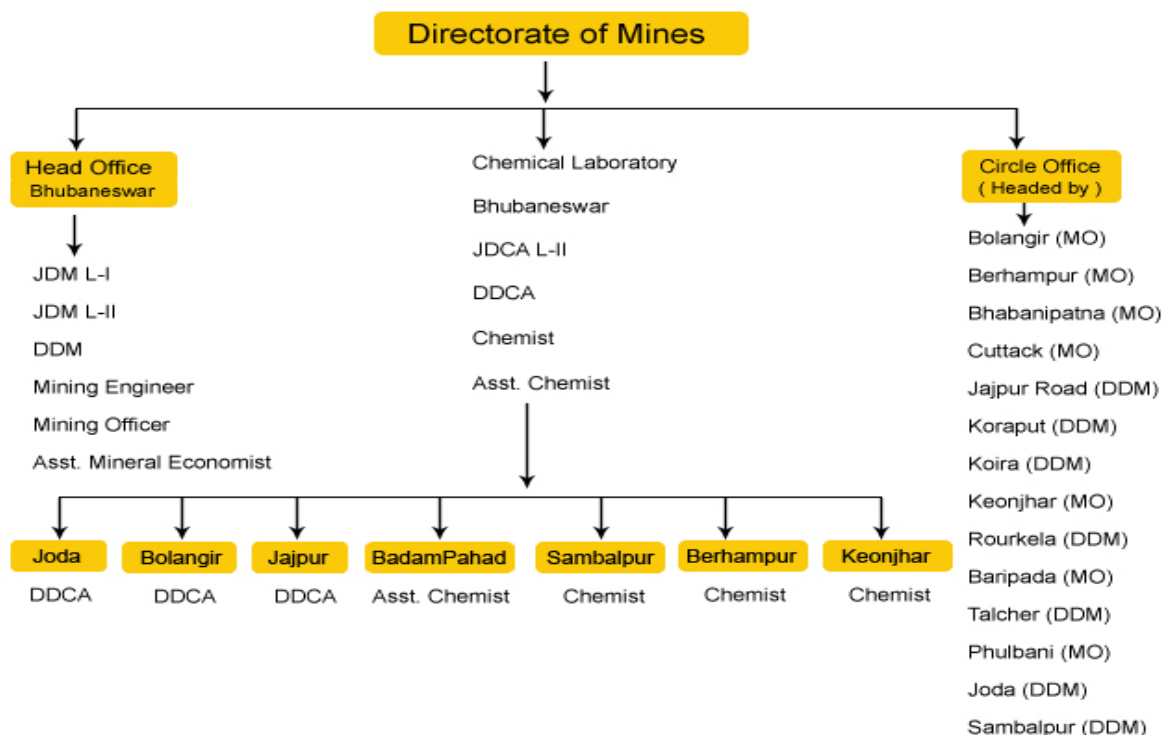
The Directorate of Mines, Odisha functions under the administrative control of Steel & Mines Department of Odisha. The major functions of the Directorate are:

- Administration of mines & minerals
- Processing of mineral concession applications
- Collection of mineral revenue
- Prevention & control of illegal mining & smuggling of minerals
- Enforcement of statutory provisions for exploration of minerals
- Peripheral development of mining areas

- Chemical analysis of ores & minerals etc.

The Directorate has its headquarter at Bhubaneswar and carries out the administrative functions through 14 circle mining offices located in different parts of the State.

Organization Chart of the Directorate



2.3. Software Technology Parks of India (STPI)

Software Technology Parks of India (STPI) was established during the year 1991 by Ministry of Communications & IT, under Department of Electronics & IT, (The then Department of Electronics) Govt. of India with distinct focus for promotion of IT/ITeS exports from the country by providing single window regulatory services under STP & EHTP schemes, plug & play incubation facilities for the start-up companies and young entrepreneurs as well as High Speed Data communication services for a seamless access for offshore IT/ITeS exports. STPI has been successfully delivering Statutory services to the IT/ITeS industries in most industry friendly environment and has earned the goodwill of the industry for its liberal style of functioning.

STPI has pan-India presence with 60 centers across the country including at Bhubaneswar, Rourkela, Berhampur and Balasore in the State of Odisha.

STPI maintains internal engineering resources to provide consulting, training and implementation services. Services cover Network Design, System Integration, Installation and Maintenance of application networks and facilities in varied areas. STPI also adheres to ISO standards.

The basic objectives of the Software Technology Parks of India are:

- (a) To promote the development and export of software and software services including Information Technology (IT) enabled services.
- (b) To provide statutory and other promotional services to the exporters by implementing Software Technology Park (STP)/ Electronics Hardware Technology Park (EHTP) schemes and other such schemes this may be formulated and entrusted by the Government from time to time.
- (c) To provide Data Communication services including Value Added services to IT/IT enabled services (ITeS) related industries.
- (d) To promote micro, small and medium entrepreneurs by creating conducive environment for entrepreneurship in the field of IT/ITES.

Govt. of India while framing the policies to boost Software sectors with distinct focus at software exports nationwide identified Bhubaneswar to be one of the spot to set up Software Technology Park of India.

2.4. About I3MS

Integrated Mines & Minerals Management System (I3MS) was designed for effective monitoring of Mineral Administration in the State of Odisha. The seminal features of i3MS are:

- (a) End to end tracking of Mineral Ore from Source till (Rail, Port & Industry Head)
- (b) First application in the Country to have integrated with Freight Operating Information System (FOIS) of Indian Railways.
- (c) First application to integrate with the RTO, Vahan & Sarathi database in real time
- (d) 6 major Ports are integrated with I3MS to provide information of export & import of minerals.
- (e) Collection of mining revenue online to Odisha Treasury

The various milestones in the augmentation of i3MS as a holistic mines and mineral management system are cited below:

Year	Achievement
2010	Development of Application
2010	Deployment of Dedicated Server Environment at Portal Centre
2013	Deployment of Full phase Server Environment at Odisha State Data Centre (OSDC)
2016	Deployment of High Availability (HA) Environment at OSDC
2019	Deployment of Business Continuity Plan (BCP) at STPI Data Centre
2020	Implementation of Data Encryption Solution & Mining lease Grant (EoDB)
2021	Implementation of AR- enabled Sampling and Testing of ore saleable

i3MS enables the department and other regulating bodies to administer, monitor and undertake activities such as issuance/renewal of licenses and leases, collection of royalties, taxes etc., issuance of permits and transit pass.

For mineral transit, the lessees are mandated to issue a copy of the transit pass to the driver of the mineral carrying vehicle as per provision of the Odisha Prevention of Theft, Smuggling & Illegal Mining and to Regulate the Possession, Storage, Trading And Transportation” Rules 2007 – OMPTS-2007. The transit pass is required to be produced as an evidence of legal mineral transportation to the en-route surveillance squad and the check-gate operators for validation.

The department has established weighbridges at selected check-gates to authenticate the weight of mineral carrying vehicles. However, to curb the traffic congestion on the highways, the department is planning on installation of unmanned weighbridges that would self-guide the vehicles for weighment and automatically capture the mineral weight. **STPI endeavors to support the department in establishing automated unmanned weighbridge solution at Lahanda, Nayagarh & Gandalpada Govt. Weighbridge-cum-Checkgates. There are two numbers of electronic weighbridges available at each location i.e. total 6 weighbridges are required to be automated.**

3. Instruction to Bidders

3.1. Definitions

- a) "STPI" means the "Software Technology Parks of India" that has invited the bids for selection of Bidder/ System Integrator (SI) and with which the selected SI signs the Contract for the Services and to which the selected SI shall supply the necessary hardware and provide services as per the terms and conditions of the RFT.
- b) "SI" means "System Integrator" - any entity or person or association of persons who is eligible to submit proposals to provide services to the STPI under this Contract.
- c) "Contract" means the Contract signed between the SI and STPI.
- d) "Project specific information" means such part of the Instructions to Bidders used to reflect specific project and assignment conditions.
- e) "Day" means calendar day.
- f) "Government" means the Government of Odisha unless otherwise specified
- g) "Instructions to Bidders" means the document, which provides the bidders with all information needed to prepare their proposals.
- h) "Proposal" means the Technical Proposal and the Financial Proposal.
- i) "RFT" means the Request for Proposal prepared by STPI for the selection of SI.
- j) "Assignment / job" means the work to be performed by the SI pursuant to the Contract.
- k) "Sub-agencies" means any person or entity to which the SI subcontracts any part of the Assignment/job.

3.2. Introduction

- a) STPI will select a Bidder (SI) in accordance with the method of selection specified in the Proposal Evaluation Section.
- b) The name of the assignment is in the Data Sheet. Detailed scope of the assignment has been described in the Section-5.
- c) The date, time and address for submission of the proposals have been mentioned in the "Invitation for Bid" section of the RFT.
- d) The eligible bidders are invited to submit their Proposal, for assignment - **"RFT for Selection of Bidder for Establishment of Automated Unmanned Weighbridge**

Solution in Government Check gate for i3MS Project". The Proposal will be the basis for contract negotiations, if required, and ultimately for a Contract with the selected SI.

- e) Bidders should familiarize themselves with local conditions and take them into account for preparing their Proposals.
- f) The STPI will provide assistance to the Bidders including inputs and facilities specified in the Data Sheet, for obtaining licenses and permits needed to carry out the Assignment, and make available relevant project data and reports.
- g) Bidders shall bear all costs associated with the preparation and submission of their proposals and contract negotiations. The STPI is not bound to accept any proposal, and reserves the right to annul the selection process at any time prior to contract award, without assigning any reason or reasons and will in no case incurring any liability to the Agencies.
- h) Considering the nature of the project, SI may be required to implement its solution in new weighbridges or check gates during the contract period. In such cases, price quoted for Supply & Delivery of Hardware and O&M shall be valid for implementation of solution at the new weigh bridges and check gates during the contract period. If the scope and timeline is acceptable to SI for implementation at the new weigh bridges or check gates STPI may issue purchase order to SI. In case of any disagreement, STPI may go for fresh tender for implementation of solution at new weighbridges or check gates.
- i) Total contact period is of 5 years including 4 years of Operation & Maintenance support which may be extended further to another 5 years with quoted optional price year-on-year.

3.3. Clarification and Amendment of RFT Documents

- a) Bidders may request a clarification on any clause of the RFT documents up to the number of days indicated in RFT before the proposal submission date. Any request for clarification must be sent through e-mail indicated in the RFT. STPI will share a virtual link for discussion to only those bidders who have responded on time. Should the STPI deem it necessary to amend the RFT as a result of a clarification, it shall do so following the procedure under Para 3.3(b) below.
- b) At any time before the submission of Proposals, STPI may amend the RFT by issuing an addendum by standard electronic means. To give bidders reasonable time in

which to take an amendment into account in their Proposals STPI may, if the amendment is substantial extend the deadline for the submission of Proposals.

3.4. Language of Bid & Correspondence

The Bid will be submitted by the Bidder in English language only. All the documents relating to the Bid (including brochures) supplied by the Bidder should also be in English, and the correspondence between the Bidder & STPI will be in English language only.

3.5. Proposal

The Bidders may submit one proposal only. If a Bidder submits or participates in more than one proposal, such proposals shall be disqualified. However, this does not limit the participation of the same Sub-Bidder/ sub-contractor, including individual experts, to more than one proposal.

3.6. Proposal Validity

The "Invitation for Bids" indicates the period of validity from the date of submission of the proposals by bidders. During this period, the financial proposal shall remain unchanged. STPI will make its best effort to award the contract within this period. However, STPI may request for extension of the validity period of their proposals. A Bidder that does not agree has the right to refuse to extend validity of their Proposals; under such circumstance, STPI shall not consider such proposal for further evaluation.

3.7. Preparation of Proposals

- a) The Proposal and all related correspondence exchanged by the Bidders and STPI shall be in English language, unless specified otherwise.
- b) In preparing their proposal, Bidders are expected to examine in detail the documents comprising the RFT. Material deficiencies in providing the information requested may result in rejection of a Proposal.
- c) While preparing the Technical Proposal Bidders must give particular attention to the following:
 - i. If a short-listed Bidder considers that it may enhance its expertise for the assignment/job by associating with other Bidder in sub- bidder, it may associate with a non-short-listed Bidder.

- ii. While preparing the proposal, the agency must ensure that it proposes the minimum number and type of materials and experts as sought by the STPI, failing which the proposal shall be considered as nonresponsive.
- d) Depending on the nature of the assignment, agencies are required to submit a Technical Proposal (TP).
- e) The Technical Proposal shall not include any financial information. A Technical Proposal containing financial information may be declared non responsive.
- f) Financial Proposals: The Financial Proposal shall be prepared using the attached Standard Forms. It shall list all costs associated with the assignment/job, including (a) Hardware & COTS cost (b) Remuneration of the Resources deployed etc. The financial proposal shall not include any conditions attached to it and any such conditional financial proposal shall be rejected summarily.

3.8. Taxes

The Bidder shall fully familiarize themselves about the applicable taxes (such as: Good & Service Taxes, income taxes, duties, fees, levies) on amounts payable by the STPI under the Contract. All such taxes must be included by the agency in the financial proposal. However any addition in Taxes notified by Government of India time to time shall be paid separately at the time of billing as per actual.

3.9. Currency

Bidder shall express the price of their assignment/job in Indian Rupees (INR).

3.10. Bid Processing Fees

All agencies are required to pay **Rs. 10,000/- + GST@18%** towards Bid Processing Fees through digital payment mode like NEFT/RTGS/BHIM. The Bid Processing Fee is Non-Refundable. Please note that the Proposal, which does not include the bid processing fees, would be rejected as non-responsive.

3.11. Earnest Money Deposit (EMD) and Bid processing Fees

- a) An EMD of **Rs. 20,00,000/-**, in the form of Bank Draft/ BG drawn in favor of the STPI (The Director, Software Technology Parks of India, Bhubaneswar, Odisha) and payable at Bhubaneswar or through digital payment mode like NEFT/RTGS/BHIM, must be submitted along with the Proposal.

Account Details for furnishing EMD is as below:

Name of the Account Holder	SOFTWARE TECHNOLOGY PARKS OF INDIA
Name of the Bank	Bank of India
Account Number	555110110003601
IFSC Code	BKID0005551
Branch Code	0005551

Software Technology Parks of India supports payments through UPI (Unified Payments Interface) and BHIM (Bharat Interface for Money). UPI ID of Software Technology Parks of India is "stpi@upi" and QR code for UPI payments to Software Technology Parks of India is available at www.stpi.in. Using this UPI ID, anyone can transfer money to Software Technology Parks of India with any UPI based App, including BHIM.

MSE bidders should declare their UAM number on CPPP, failing which such bidders will not be able to enjoy the benefits as per Public Procurement Policy for MSEs Order 2012

- i. Proposals not accompanied by EMD shall be rejected as non-responsive.
- ii. No interest shall be payable by the STPI for the sum deposited as earnest money deposit.
- iii. The EMD of the unsuccessful bidders would be returned back within one month of signing of the contract.
- iv. The EMD shall be forfeited by STPI in the following events:
 - a. If Proposal is withdrawn during the validity period or any extension agreed by the agency thereof.
 - b. If the Proposal is varied or modified in a manner not acceptable to the STPI after opening of Proposal during the validity period or any extension thereof.
 - c. If the Bidder tries to influence the evaluation process.

3.12. Performance Security

The STPI will require the SI to provide a Performance Bank Guarantee, within 15 days from the Notification of award, for a value equivalent to 3% of the quoted project cost for each year excluding taxes. The Performance Guarantee shall valid for a period of three months beyond the date of completion of all contractual obligations/tenure. The Performance Guarantee shall be renewed/amended annually. The SI shall be responsible

for extending the validity date and claim period of the Performance Guarantee as and when it is due on account of non-completion or extension of the project duration.

In case the SI fails to submit performance guarantee within the time stipulated, the STPI at its discretion may cancel the order placed on the SI without giving any notice. STPI shall invoke the performance guarantee in case the selected bidder fails to discharge their contractual obligations during the period or STPI incurs any loss due to bidder's negligence in carrying out the project implementation as per the agreed terms & conditions.

3.13. Forfeiture of EMD /Security Deposit/Performance Guarantee

- a) If the successful bidder/agency refuse/fails to accept Purchase Order issued by STPI or the job assigned to the agency/bidder are not done as per the scope of work/schedule of requirement, EMD/Security Deposit will be forfeited.
- b) If the Bidder withdraws tender before/after finalization of the tender, EMD will be forfeited
- c) If the contract is terminated by STPI due to poor supply/violation of any clause of agreement or any bad act of selected bidder, security deposit/PG will be forfeited.
- d) In case of unreasonable price quoted by the bidder for disrupting the tender process EMD of such bidder will be forfeited.

3.14. Submission, Receipt, and Opening of Proposal

- a) The proposal - both technical and financial proposals, shall contain no interlineations or overwriting, except as necessary to correct errors made by the Bidder them. The person who signed the proposal must initial such corrections.
- b) Authorized representative of the Bidder shall initial all pages of the Technical and Financial Proposals. The authorization shall be in the form of a written letter of authorization accompanying the Proposal or in any other form demonstrating that the representative has been dully authorized to sign.
- c) The bid shall be submitted online in CPP portal <https://eprocure.gov.in/cppp/>. However, physical/hardcopy of the **Technical bid only** is to be submitted to the address mention in the Data sheet.
- d) For, physical/hardcopy submission, the technical proposal shall be placed in a sealed envelope clearly marked "TECHNICAL PROPOSAL". The envelopes containing the Technical Proposals, EMD and bid processing fees shall be placed into an outer envelope and sealed. This outer envelope shall bear the submission address,

reference number and be clearly marked "DO NOT OPEN, BEFORE 05/08/2021 17:00 PM". The STPI shall not be responsible for misplacement, losing or premature opening if the outer envelope is not sealed and/or marked as stipulated. This circumstance may be reason for rejection of the entire proposal.

- e) The Proposals must be sent to the address in the Data sheet and received by the STPI no later than the time and the date indicated in the RFT, or any extension to this date. Any proposal received by the STPI after the deadline for submission shall be returned unopened.

3.15. Completeness of Tender Offer

The Bidder is expected to examine all instructions, forms, terms, conditions and deliverables in the Tender Documents. Failure to furnish all information required by the tender documents or submission of a tender offer not substantially responsive in every respect to the tender documents will be at the Bidder's risk and may result in rejection of its tender offer. The tender offer is liable to be rejected outright without any intimation to the Bidder if complete information as called for in the tender document is not given therein, or if particulars asked for in the Forms / Performa in the tender are not fully furnished.

3.16. Rejection of the Bid

- a) The bidder is expected to examine all instructions, formats, terms & conditions, and scope of work in the bid document. Failure to furnish complete information or false information/documents which is not substantially responsive to the bid document in all respect shall result in rejection of bid.
- b) In respect of interpretation/clarification of this bid document and in respect of any matter relating to this bid document, the decision of STPI-Bhubaneswar shall be final.
- c) The bidder will have to furnish the requisite document as specified in the bid document, failing which the bid is liable to be rejected.
- d) No prices are to be indicated in the Professional Bid and if the prices are mentioned in the "Technical Bid" it may lead to rejection of the bid.
- e) Bids not submitted as per two bid system will be summarily rejected.
- f) Bids without paper cost & EMD money will be summarily rejected.
- g) The bids received after specified date & time shall not be considered.

- h) The bids received through Fax/-email or any other mode other than specified in the tender document shall not be considered.

3.17. Liquidity Damage

- a) Delivery of services shall be made by the vendor in accordance with the time schedule specified by STPI.
- b) The Vendor will strictly adhere to the time-schedule for the performance of Work. However, STPI may relax this time limit in force majeure conditions.
- c) In case of delay in completion the supply and installation within the implementation timelines fixed under tender for reasons attributable to the Vendor, then STPI shall levy penalty @ 0.5% per week with a maximum limit of 5% of the contract value or PBG may be forfeited. Delay beyond 10 weeks lead to cancellation of PO/WO, forfeiture of EMD and disallowing of participation in future STPI tenders.
- d) Any rectification/repairing/configuration/troubleshoot during warranty period must be attended within 24 hours of receiving verbal complain from STPI, otherwise penalty for delay in service will be charged by extending warranty period (i.e. one day for 24 hours delay after completion of 24 hours from receiving the verbal complain).
- e) In case of delay beyond 3 days reason adhere to vendor, then penalty @ 0.5% per week with a maximum limit of 5% of the contract value or PBG may be forfeited.
- i) In case the vendor is not being adhered to the time schedule fixed under contract, STPI has the right to cancel the Contract wholly or in part without any liability to cancellation charges and procure the Goods and Services elsewhere and in a manner decided by the client. In such case the successful Bidder shall pay the difference of the cost of Goods and Services procured elsewhere and price set forth in the Contract Agreement with the successful Bidder/ Contractor.

3.18. General Terms and Conditions

- a) Prices quoted by the bidders should include all local taxes, GST, duties, levies etc., till the bid validity period.
- b) The bidder has to submit the OEM authorization for sale, support and service either in OEM's letterhead or from their official mail id.
- c) Delivery/ installation of the solution should strictly be completed within the stipulated period of delivery. Any incident during installation will be bidder's risks.
- d) Rate/Price should be clearly quoted in figures as well as in words separately in the prescribed format attached (Price Bid) with make & model. Rate/Price quoted should be inclusive of excise duty if any and taxes (GST), freight, insurance etc.

- e) The quoted price shall be firm and fixed and there shall be no change. No additional charges shall be paid other than quoted price in the bid.
- f) STPI reserves the right to vary the bill of quantity and the bidder shall supply at the unit price quoted in the bid and the payment shall be done based on total unit price only.
- g) However Director, STPI-Bhubaneswar may relax the project schedule on request of the contractor subject to reasonably full particulars of the event or circumstance and the extent to which any obligation will be prevented or delayed.

3.19. Cancellation by Default

STPI may without prejudice to any other remedy for breach of terms and conditions, including forfeiture of Performance Security by written notice of default sent to the company, terminate the work / task in whole or in part after sending a notice to the Bidder in this regard. If the Bidder fails to deliver or complete the job assigned in the terms and conditions within the time period (s) specified in the Tender Document and if the Bidder fails to perform any other obligations under the terms and conditions.

3.20. Blacklisting

Company/Firm blacklisted by Govt. / PSU organization are not eligible to participate in the bidding process. If at any stage of bidding process or during the currency of work order, such information comes to the knowledge of STPI, STPI shall have right to reject the bid or cancel the work order, as the case may be, without any compensation to the bidder. The bidders have to be submitted an undertaking for not being black listed since last 3 years by any Govt./ PSU organization.

3.21. Arbitration

The provisions of the Arbitration and Conciliation Act, 1996 will be applicable and the award made there under shall be final and binding upon the parties hereto, subject to legal remedies available under the law. Such differences shall be deemed to be a submission to arbitration under the Indian Arbitration and Conciliation Act, 1996, or of any modifications, Rules or re-enactments thereof.

3.22. Confidentiality

Any information pertaining to STPI or any other agency involved in the project, matters concerning STPI or with the agency that comes to the knowledge of the Bidder in connection with this contract will be deemed to be confidential and the Bidder will be

fully responsible for the same being kept confidential and held in trust, as also for all consequences of its concerned personnel failing to do so. The Bidder shall ensure due secrecy of information and data not intended for public distribution.

3.23. Force Majeure

If, at any time, during the continuance of the agreement, the performance in whole or in any part by either party of obligation under the agreement shall be prevented or delayed by reasons of any war, hostile acts of the enemy, civil commotion, subrogate, fire, floods, earthquakes, explosions, epidemics, strikes and quarantine restrictions by acts of God, (herein after referred to as eventualities) then provided notice of the happening of any such eventualities is given by either party to the other within two days from the date of occurrence thereon, neither party shall, by reason of such eventualities be entitled to terminate this contract agreement nor shall either party have any claim of damages against the other in respect of such non-performance or delay in performance. Performance of the contract agreement shall, however be resumed as soon as practicable after such eventuality has come to an end.

4. Tender Evaluation

STPI will prepare a list of responsive bidders, who comply with all the Terms and Conditions of the Tender. All eligible bids will be considered for further evaluation by STPI according to the Evaluation process defined in this RFT document. The decision of STPI will be final in this regard.

4.1. Pre-Qualification Criteria

Preliminary scrutiny of the bidder's eligibility will be done as per the criteria provided below. Technical Bids of only the successful pre-qualifiers will be opened for evaluation.

Sl. #	Specific Requirements	Documentary Requirement
1.	The bidder should be a company registered in India under the Companies Act 1956, or a partnership firm registered under the relevant and prevailing law relating to partnership in India, and operating for the last 10 years in IT/ITES business as of 31st March 2021.	<ul style="list-style-type: none"> - Copy of Certificate of Incorporation - Copy of GST Registration Certificate - Copy of PAN
2.	The bidder must have an average annual turnover of minimum Rs. 50 Crores and a positive net worth for the last three financial years as of 31 st March 2021.	<ul style="list-style-type: none"> - Certificate from the Statutory Auditor
3.	The bidder must have valid ISO certificate as on date of submission of the bid.	<ul style="list-style-type: none"> - Copy of valid Certificate
4.	The bidder must have successfully implemented (in its own capacity without outsourcing/sub-contracting) at least one turnkey [Software + Resource +Hardware] project of minimum value of Rs. 5 Crores for any Government Department/ Agency/ PSU in India during the last five years.	<ul style="list-style-type: none"> - Work Orders + Go-Live or Payment Receipt or completion certificate or Self Certification authorized by Statutory Auditor
5.	The bidder should have an operational center in Odisha or shall furnish an undertaking to open an operation center within 30 days from award of the project.	<ul style="list-style-type: none"> - Rent/Lease agreement, Trade License or declaration of open office in Odisha / East of India and should also submit Copy of GST Registration Certificate in Odisha/East of India within 30 days from award of the project.

Sl. #	Specific Requirements	Documentary Requirement
6.	The bidder must have at least 50 full time employees in its payroll as on date of submission of bid.	- Copy of the latest EPF deposit challan or HR Declaration
7.	The bidder should not be under a declaration of ineligibility for corrupt or fraudulent practices or blacklisted by any of the Government / PSU as on the date of submission of bids.	- Self-declaration duly signed by authorized bid signatory
8.	The Bidder should submit valid authorization from the OEMs	- Manufacturer's Authorization Form in letter head or through official mail id
9.	The Bidder should submit EMD as provisioned in the RFT	- Required DD/BG drawn as instructed
10.	The Bidder should submit Tender fees as provisioned in the RFT	- Required DD/BG drawn as instructed

Note: Supporting documents needs to be submitted along with the Bid Documents in regards to pre-qualification criteria.

4.2. Technical Evaluation Criteria

Technical evaluation of only successfully pre-qualified bidders shall be done as per the parameters provided below. Bidders securing a minimum of 60 marks in the technical evaluation will only be considered for further financial bid evaluation. Bids or Tenders which don't secure the minimum specified technical score will be considered technically non-responsive and hence debarred from being considered for financial evaluation.

Sl. #	Specific Requirements	Marks	Documentary Requirement
1.	Annual turnover in last 3 years as on 31st March 2021 <ul style="list-style-type: none"> ≥ 50 Cr: 3 Marks ≥ 100 Cr: 5 Marks 	5	- Certificate from the Statutory Auditor
2.	Quality Certification <ul style="list-style-type: none"> CMMi Level 5: 3 Marks ISO 9001+27001 : 1 Marks ISO 9001:2015 : 1 Marks 	5	- Copy of valid Certificates

Sl. #	Specific Requirements	Marks	Documentary Requirement
3.	Year of operation in IT/ITES <ul style="list-style-type: none"> > 1 & < 5 Years : 2 Marks > 5 & < 10 Years: 3 Marks > 10 Years: 5 Marks 	5	<ul style="list-style-type: none"> Valid Certificate of Incorporation/ Registration required to be submitted along with Work Orders
4.	Operational Center in Odisha/East of India. <ul style="list-style-type: none"> Operation Centre for 1-5 years: 1 Mark One mark each to be awarded for every additional year of experience after 5 years, (maximum 5 marks) 	5	<ul style="list-style-type: none"> Rent/Lease agreement or Trade License Copy of GST Registration Certificate
5.	No. of employees in payroll <ul style="list-style-type: none"> > 50 & < 200: 2 Mark ≥ 200 & < 500: 3 Marks ≥ 500 : 5 Marks 	5	<ul style="list-style-type: none"> Copy of latest EPF deposit challan or HR Declaration
6.	The bidder should have experience in implementation of project(s) (in its own capacity without outsourcing/subcontracting) having software development/IT/ITES, implementation and its support services in mining domain/Oil & Gas with minimum order value of Rs. 3 Crore for any Department / Agency / PSU for any State or Central Government in India during last 7 years as on 31/03/2020. [5 marks will be awarded for each project]	15	<ul style="list-style-type: none"> Work Orders/LOI details+ Ongoing or Payment receipt or completion certificate and project details
7.	Experience in implementation of similar* projects (in its own capacity without outsourcing/sub-contracting) including RFID/Smart IOT Solution, sensor and controller based solution minimum project value of 5 Crores for any Government Department/ PSU/Agency/ private company in Odisha or India during the last seven years as on date of submission of the bid. [5 marks will be awarded for each project]	10	<ul style="list-style-type: none"> Work Orders/ LOI details along with Go-Live/Completion or Payment receipt or Self Certification authorized by Statutory Auditor

Sl. #	Specific Requirements	Marks	Documentary Requirement
8.	Bidders should have experience of implementation (in its own capacity without outsourcing/sub-contracting) of project with inclusion of emerging technologies like IOT/AI/Block Chain/facial recognition/Drone/NLP/ITMS/ATCS etc.. [2.5 marks will be awarded for each project]	5	– Work order/LoI/Client credentials along with Go-Live/Completion or Payment receipt or Self Certification authorized by Statutory Auditor
9.	Experience in successful implementation [in its own capacity without outsourcing/sub-contracting] of turnkey project [Software + Resource +Hardware] of minimum value of Rs. 5 Crores for any Government Department/ PSU/BFSI in India during the last five years as on 31/03/2020 [5 marks will be awarded for each project]	10	– Work Orders + Ongoing or Payment receipt or completion certificate or Self Certification authorized by Statutory Auditor
10.	Experience in implementing projects (in its own capacity without outsourcing/sub-contracting) involving integration with 3rd party software/ Government regulatory system. [5 marks will be awarded for each project]	10	– Work Orders + Ongoing or completion certificate and Payment receipt or project details Self Certification authorized by Statutory Auditor
11.	Technical Proposal & Presentation	10	– Technical Proposal & Presentation
12.	Demonstration of Similar Application	15	– Working Prototype or Application to be demonstrated

Note:

- Supporting documents needs to be submitted along with the Bid Documents in regards to technical evaluation criteria.**
- The term similar* in clause no. 7 of technical evaluation criteria means project related to solution covering supply installation of hardware, implementation of software, deployment of onsite resources and providing operation & maintenance support for hardware & software.**

4.2.1. Technical Evaluation Formula

- All the bidders who secure a Technical Score of 60 or more will be declared as technically qualified
- The bidder with highest technical bid (H1) will be awarded 100% score
- Technical scores of other than H1 bidders will be evaluated using the following formula
 - $\text{Technical Score of a Bidder} = \{(\text{Technical Bid score of the Bidder} / \text{Technical Bid Score of H1}) \times 80\} \%$
(Adjusted up to two decimal places)
- The Commercial bids of only the technically qualified Bidders will be opened for further processing.

4.3. Financial bid Evaluation

- The Financial Bids of the technically qualified bidders (those who have secured equal or more than 60 mark in technical evaluation) will be opened on the prescribed date in the presence of bidders' representatives
- The bid with lowest Financial (L1) i.e. "lowest price quoted" will be awarded 100% Score
- Financial Scores for other than L1 Bidders will be evaluated using the following formula
- $\text{Financial Score of a Bidder} = \{(\text{Financial Bid of L1} / \text{Financial Bid of the Bidder}) \times 20\} \%$
(Adjusted up to two decimal Places)
- Only fixed price financial bids indicating total price for all the deliverables and services specified in this bid document will be considered.
- The bid price will be inclusive of all taxes and levies and shall be in Indian Rupees.
- Any conditional bid would be rejected
- Errors & Rectification: Arithmetical errors will be rectified on the following basis: "If there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected. If there is a discrepancy between words and figures, the amount in words will prevail".

4.4. Combined evaluation of Technical and Financial Bids

- The technical and financial scores secured by each bidder will be added to compute a composite Bid Score.
- The Bidder securing Highest Composite Bid Score will be adjudicated with the Best Value Bidder for award of the project.
- In the event the bid composite bid scores are 'tied', the bidder securing the highest technical score will be awarded the project or adopt any other method as decided by the Tendering Authority.

4.5. Award of Contract

- After completing of the bidding process the STPI shall issue a Purchase/Work Order to the selected Bidder, prior to the expiry of the period of Bid validity. The order will be placed in yearly basis. After completion of first year , the service will be renewed annually subjected to satisfactory performance duly certified by user department and after receipt of the necessary approval from the user department
- The Successful Bidder shall give his acceptance within 7 days from the date of issue of PO/WO.
- The Bidder is expected to commence the assignment/job on the date and at the location specified in the RFT.
- Liability of the successful bidder to perform the job will commence from the date of PO/WO. The Completion Period shall be counted from the date of PO.

5. Scope of Work and Deliverables

The following shall be the broad scope of work,

- a) Supply, installation and configuration of hardware
- b) Development of Application Software for Check-Gate Operation Monitoring
- c) Deployment of Unmanned Weighbridge Solution
- d) Integration with:
 - Hardware components such as Controllers, CCTV, IR sensors, Traffic Lights and Boom barrier.
 - i3MS application integration
- e) Training and capacity building

f) Security Audit, Installation and Go-Live of the Automated Unmanned Weighbridge solution

g) Operation & Maintenance Services

- Warranty support for Software for a period of 3 months post Go-Live
- Warranty support for Hardware for a period of 12 months post Go-Live
- Application Maintenance services for 45 months post Warranty support
- Hardware Maintenance for 36 months post Warranty support
- Technical Support for 4 years post Go-Live.

The licenses of the software/Subscription and warranty of hardware will be in name of "Directorate of Mines, Govt. of Odisha". The licenses of the software/Subscription shall be delivered digitally through e-mail.

5.1. Supply, installation and configuration of hardware

A detailed study of requirement will be conducted at the selected check-gate. The proposed specification and bill of material shall be finalized in line with the requirement for the smooth operationalization of the Automated Unmanned Weighbridge system. The SI shall then supply, install and configure the hardware as per the approved BoM. The SI shall be responsible for procurement and delivery of hardware equipment to the check-gates. Post acceptance of the equipment by DoM official, the equipment shall be installed. Requirement of the hardware components such as CCTV cameras, Traffic lights, boom barriers, IR sensor units etc. is elaborated below:

5.1.1. CCTV

CCTV cameras shall be installed at strategic positions with maximum viewing angle. Cameras shall take the snapshot of the front view and top view of the mineral carrying vehicles at the appropriate area such as weighbridge, entry, exit etc. The front view imagery shall be used to determine the vehicle number while the top view will capture imagery of the mineral storage bed.

5.1.2. RFID Reader

RFID readers stationed at the entry points of the weighbridges are used to authenticate the tags on the windshields of the mineral carriers. RFID based tags/ fast tags shall serve as an identification of the mineral carrying vehicle. In case of fast-tag provision, Readers only shall be utilized for capturing vehicle information from the fast-tag.

5.1.3. Boom Barrier

These shall be installed at entry and exit point of weighbridges to control the access of mineral carrying vehicle to weighbridge. Only the trucks with valid RFID tag/ fast-tag shall be allowed to pass through the boom barrier.

5.1.4. Sensors

Sensors shall be deployed at strategic positions on the weighbridge, which detect if the carrier is optimally positioned for weighment on Weighbridge.

5.1.5. Public Announcement (PA) System/Audio

The PA system receives input from the IR sensors and accordingly guides the carrier into correct positioning on the weighbridge. PA systems shall guide the vehicle to be aligned on the weighbridge for optimum weighment. The PA system shall also announce the weight of the materials carried by the vehicle.

5.1.6. Traffic Light

Traffic lights will be installed near the boom barriers at the entry & exit of the weighbridges to guide the mineral carriers on and off the weighbridge. This facilitates efficient queuing and vehicle management.

5.1.7. LED Display

The display will be mounted near the weighbridge. It shall display the vehicle details and the captured weight.

5.1.8. Server

A standalone server shall be deployed at the check-gate. It shall store all transaction information at the check-gate. There will be direct synchronization between this standalone server and the data centre.

5.2. Development of Application Software for Check-Gate Operation Monitoring

Web based application software shall be developed for the automation of Check-gate operations. The application shall have the following modules and functionalities:

5.2.1. Check-gate Operation

- i. Master data management for creation of central directory of users, their real-world business information, their accounts, and their access rights:
 - a. Lessees

- b. Check-gates
- c. Weighbridges
- d. Licensees/ Consignees
- e. Transporters
- f. Mineral Carrying Vehicles
- ii. Centralized administration of user-ids and password management
- iii. Role-based Administration
- iv. Integration with i3MS for access to permit details tagged to check-gate
- v. e-Pass details syncing through i3MS integration
- vi. Capture FASTag details like vehicle number, permit details tagged to FASTag, e-Pass details tagged to FASTag
- vii. Scalable architecture to facilitate on-boarding of additional check-gates and weigh-bridges
- viii. Online-offline synchronization of data in case of network unavailability

5.2.2. e-Transit Pass Verification

- i. Integration with Unmanned Weighbridge solution and e-Pass modules of i3MS
- ii. Facility to capture e-Pass details through bar code scanning
- iii. Validation of scanned details against data available in system
- iv. Online-offline synchronization of data in case of network unavailability

5.2.3. Mineral Carrier Monitoring

- i. Map-based tracking of mineral carriers/ ePass tagged to each check-gate
- ii. Circle wise, check-gate wise view
- iii. Lease wise e-pass data
- iv. Check-gate wise e-pass data
- v. Check-gate wise Mineral Carrier data
- vi. Scheduled dispatch vs. actual dispatch for each lease hold area tagged to check-gate
- vii. e-Pass tagged vs. e-Pass scanned
- viii. Real time information on digital map with user defined refresh rate
- ix. Provision to add new check-gates, leases and routes
- x. Alerts will need to be generated in case of deviations

5.2.4. Dashboard

- i. Visual representation of captured information shall be facilitated through Dashboards

- ii. Graphical dashboards shall enable view of all / some key reports/ parameters enabling quick decision making
- iii. Roles and Rights based access to Dashboard for:
 - a. Directorate/ Department Authorities
 - b. IT PMU Members
 - c. Mining Circle Office users
 - d. Check-gate operators
- iv. Representation of following information on dashboards:
 - a. Weighbridge-wise report with top-view and front-view images of mineral carrying vehicle using the CCTV systems
 - b. Entry/Exit report of mineral carrying vehicles
 - c. Mineral carriers verified through Unmanned Weigh-bridge solution
 - d. Mineral carriers verified through e-Pass scanning

5.3. Unmanned WB solution

The Unmanned Weighbridge Solution with a controller shall be installed and configured with all devices to operate the system automatically. Necessary programming shall be done in the controller so that the devices shall operate sequentially as per process requirement.

The solution shall have the following functionality:

- i. FASTag/ RFID tags of mineral carrying vehicles shall be captured through RFID Readers
- ii. Validation of FASTag/ RFID against e-Pass details captured
- iii. IR sensor & Public announcement system based vehicle positioning for optimum weighment
- iv. Capture automated weighment details
- v. Capture top-view & front-view of the vehicle from CCTV camera
- vi. Validate captured weight against weight recorded in transit pass
- vii. Automatically allow passage of vehicle if details are matched
- viii. Provision for check-gate operator to allow/ deny passage in case of detail mismatch
- ix. Share all captured details with i3MS for audit purposes

5.4. Emerging technology

There might be usage of emerging technologies such as IOT, Blockchain, RPA, etc., Hence, the application should have the provision for emerging technology enablement in

future. The SI needs to suggest ways for implementation of emerging technologies in its technical proposal.

5.5. Integration

The system shall have integration with a multitude of hardware and software systems.

1) Hardware:

The various hardware components which the system shall be integrated with shall include:

- CCTV camera
- Boom Barrier
- Traffic Lights
- Controller & IR sensors
- Public Announcement (PA) Systems
- RFID Tags (if required) (per tag) and Readers
- LED Display
- Weighbridge digitizer

2) Third party System – i3MS

Fast-tag details of all mineral carrying vehicles are to be captured in i3MS. The Department may also opt for issuance of RFID tags to such vehicles. Upon reaching the check-gate, the details of the fast-tag/ RFID tags shall be captured through the RFID readers. The system shall be integrated with i3MS to validate the fast-tags/ RFID tags against the detail captured in i3MS. Upon validation, it will allow the boom-barriers to open and permit the vehicle onto the weighbridge.

The system shall also fetch the details of the transit pass issued to the vehicles. This information shall be used to validate the actual weight of mineral in the truck and the recorded weight in the transit pass. The system shall auto validate the weighment detail.

The integration with i3MS shall also allow for sharing of validation and authentication information for processing & reporting in i3MS. Deviation reports of e-Pass tagged vs. e-Pass verified shall also be shared with i3MS.

5.6. Implementation

5.6.1. User Acceptance Testing

After successful integration of the System with the proposed hardware and i3MS, User Acceptance Testing (UAT) shall be done for Automated Unmanned Weighbridge Solution.

Based on the feedback received from the end users during the acceptance test, necessary changes would be incorporated in the system.

The key deliverables under this milestone are:

- UAT sign-off

5.6.2. Security Audit, Go- Live of the Unmanned Weigh Bridge system

Upon successful UAT, the application shall undergo third party security audit by a CERT-IN empanelled agency once prior to Go-Live. System Integrator will be responsible for complying with vulnerabilities/ security threats identified by auditor and Rectification of issues/ bugs suggested by auditor. The project team shall effectively document and maintain record of each issue and the procedure of its resolution for audit purpose.

The system will formally be made live post tending to and incorporating all requirements referred to in the SRS and any change demands made in the previous stages. The system will be considered Live after the application receives UAT sign-off or completes 10 transactions, whichever is prior.

5.6.3. Training and Capacity Building

Training shall be conducted for the end users to make them acquainted with the system. The training imparted would ensure that end users are adequately prepared and are able to perform the various functions through the new application

- The users will be identified and classified into a set of user types and the number of participants in details.
- The training plan and materials will be finalized and prepared.
- Training will be given like Basic level, Walk-through, Detailed training to all and Training to IT staff.
- Demo scenarios and training will take place in a classroom environment with power-point presentations, Q&A sessions and revision sessions.
- Training will be conducted at a centralized location in Bhubaneswar. The DoM shall provide the necessary IT, Non-IT infrastructures and any other requirement for smoothly conducting the training.

5.7. Operation & Maintenance Services

5.7.1. Warranty Maintenance

5.7.1.1. Hardware

All hardware equipment implemented as part of this project shall come with standard warranty for a period of 12 months post Go-Live. Hardware defects during this period shall be repaired/replaced. Warranty shall also be applicable to the services offered.

5.7.1.2. Software

Warranty for software systems shall be provided for 3 months post Go-Live. Activities during the warranty period shall involve:

- Bug fixes, error resolutions as and when required
- Addressing errors/ bugs in the functionality offered by system

5.7.2. Maintenance Support

5.7.2.1. Hardware

Operation support shall be provided for all Hardware equipment post completion of warranty period for duration of 36 months.

5.7.2.2. Software

Annual Maintenance support for software solutions shall commence from the completion of warranty period. The AMC duration shall be for 45 months. Activities under the Annual Maintenance Support scope shall include:

- Fixing the bugs identified
- Error resolutions as and when required
- Minor changes to the business process will be addressed except new table, database etc.
- Provide support to the end users through Messaging/ Email/ Phone Call
- Analyze feedback from the end users on the application
- Coordination with the software team to address the users challenges
- New user creation and old user suspension/deletion
- Manage the framework and provide application rights to different level of users
- Database management, system administration, log analysis, application management

The following activities will not be covered under the Warranty/ Annual Maintenance Support:

- Rectification of any type of manipulation in the application / wrong entry
- Change request implementation/ new process flow / enhancement / New Integration
- New Development / Change of flow.
- Supporting and troubleshooting various software issues

5.7.3. Annual Technical Support Services

Since the mineral business runs 24 X 7, the SI shall be responsible for providing 24X7 Technical Support for the hardware equipment and software solutions. Technical support shall be provided for a period of 4 years post Go-Live. The SI shall deploy adequate technical resources for performing the following activities under the technical support services:

Application Support

- Enhancement of MIS reports as per the requirement
- Database query report management on emergency
- Optimization of the already developed reports
- Tuning of transactions
- User & access management

System/Hardware Support

- Provide integration and user support on all supported systems, etc.
- On-ground support as per incident requirement
- Installation and re-installation of the equipment
- Perform event & system log analysis
- Back-up
- Patch update

Power Backup Provision

The weighbridges will be configured with proper power backup provision. The main power source will be arranged by the Mining Administration Office. But the power backup provision like UPS will be arranged at the location for un-interrupted power.

SI shall not change the deputed manpower without written intimation and approval from STPI. SI shall provide a substitute well in advance if there is any probability of the person leaving the job due to his/her own personal reasons.

6. Roles & Responsibility

Activity	SI	STPI/ Directorate
Supply & Installation of Hardware	✓	
Implementation of Software Services	✓	
Necessary Permissions & Clearances		✓
Coordination with i3MS Implementing Agency	✓	
Coordination for SDC and Near DR Access		✓

7. Bill of Quantity

Below table describes the bill of material, which will be used for the project including back-up equipment:

Sl#	Item	Unit	Check Gate-1	Check Gate-2	Check Gate-3	Qty.
1	Sensors	Nos.	20	20	20	60
2	Boom Barrier	Nos.	4	4	4	12
3	RFID Reader and Antenna	Nos.	3	3	3	9
4	Pole (10 Ft) with Fittings	Nos.	14	14	14	42
5	Wireless Access Point	Nos.	2	2	2	6
6	Network Switch (PoE)	Nos.	2	2	2	6
7	Desktop Computers	Nos.	3	3	3	9
8	Pole (20 Ft) with Fittings	Nos.	1	1	1	3
9	IP Bullet Camera	Nos.	6	6	6	18
10	Traffic Lights	Nos.	5	5	5	15
11	Speaker and Audio Amplifier	Nos.	3	3	3	9
12	LED Display	Nos.	3	3	3	9
13	5 KVA UPS (4 Hrs backup)	Nos.	1	1	1	3
14	Server with Monitor	Nos.	1	1	1	3
15	Hard Disk	Nos.	2	2	2	6
16	Hand Held Unit	Nos.	3	3	3	9
17	Network Rack	Nos.	1	1	1	3
18	Wiring & Cabling	Lump Sum	1	1	1	3

Note: Quantity may increase/decrease depending on the actual requirement/ situation.

8. Project Schedule

Sl.#	Activity/ Milestone	Timeline
1.	Supply & Installation of Hardware	$T_0 + 80$ days
2.	UAT & Go-Live of Software Application	$T_1 = T_0 + 180$ days
3.	Warranty Maintenance for Hardware	$T_2 = T_1 + 12$ months
4.	Warranty Maintenance for Software	$T_3 = T_1 + 3$ months
5.	Maintenance Support for Hardware	$T_2 + 36$ months
6.	Maintenance Support for Software	$T_3 + 45$ months
7.	Annual Technical Support Services	$T_1 + 48$ months

T_0 = Date of Award of Contract

9. Payment Terms

Payment to the SI shall be made as per below schedule -

Sl. No.	Payment Schedule	% Payment
(a)	Supply & Installation of Hardware	<ul style="list-style-type: none"> 90% of hardware cost
(b)	Development of Application Software for Checkgate Monitoring + Deployment of Unmanned Weighbridge Solution	<ul style="list-style-type: none"> 80% of Software on UAT 20% of Software on Go Live 10% of the Hardware on Go Live 100% of Installation, commissioning & deployment of System on completion 100% of Integration – i3MS on completion
(c)	Annual Maintenance Support for Hardware	To be paid on monthly/quarterly basis
(d)	Annual Maintenance (Software- Check-gate Operation Monitoring + i3MS Integration-) & Software	To be paid on monthly/quarterly basis

Sl. No.	Payment Schedule	% Payment
	-Unmanned Weighbridge Solution Maintenance	
(e)	Annual Technical Support Services	To be paid on monthly/quarterly basis

Terms:

- (a) Payment shall be made against submission of invoices accompanied by proof of delivery and installation report certified by the client/ client nominated authority.
- (b) Invoice shall be generated in the name of **"Directorate of Mines, Govt. of Odisha"** through **"Director, Software Technology Park of India, STPI-ELITE Building, Plot No.2/A, IDCO Industrial Area, PO-Malipada, Gothapatna, Bhubaneswar-751003, Odisha"**
- (c) All costs quoted by the SI shall be inclusive of taxes / levies. However, the taxes shall be applicable at the prevailing rate at the time of billing.
- (d) Any change in taxes shall be paid additionally over and above the agreed cost.

10. Forms & Annexure

10.1. Technical Bid Cover Letter

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

Subject: Proposal for Selection of Bidder for Establishment of Automated
Unmanned Weighbridge Solution in Government Check gate for i3MS
Project

Reference No.: <<RFT No. >>

Dear Sir/Madam,

We, the undersigned, offer to provide for Establishment of Automated Unmanned Weighbridge Solution in Government Check gate for i3MS Project.

We are hereby submitting our Proposal, which includes the Technical Proposal and the Commercial Proposal sealed in separate envelopes.

We hereby declare that all the information and statements made in this Technical Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

We undertake, if our Proposal is accepted, to initiate the Implementation services related to the assignment not later than the date indicated in the RFT Document.

We agree to abide by all the terms and conditions of the RFT document. We would hold the terms of our bid valid for 180 days from the date of submission of bid as stipulated in the RFT document.

We understand you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature [In full and initials]: _____

Name and Title of Signatory: _____

Name of Firm: _____

Address: _____

10.2. Self-Declaration: Not Blacklisted (in company letterhead)

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

In response to the RFT No. <<RFT No.>>, for RFT titled "Selection of Bidder for Establishment of Automated Unmanned Weighbridge Solution in Government Check gate for i3MS Project", I/ We hereby declare that presently our Company/ firm is not under declaration of ineligibility for corrupt & fraudulent practices, blacklisted either indefinitely or for a particular period of time, or had work withdrawn, by any State/ Central government/ PSU.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender, if any to the extent accepted, may be cancelled.

Thanking you,

Name of the Bidder:

Authorized Signatory:

Signature:

Seal:

Date:

Place:

10.3. Bidder's Authorization Certificate

(Company letter head)

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

Subject: Proposal for the RFT for Selection of Bidder for Establishment of
Automated Unmanned Weighbridge Solution in Government Check gate
for i3MS Project

Reference No.: <<RFT No.>>

Sir,

<Name>, , <Designation> is hereby authorized to attend meetings & submit technical & commercial information as may be required by you in the course of processing the above said Bid. S/He is also authorized to attend meetings & submit technical & commercial information as may be required by you in the course of processing above said application For the purpose of validation, his/ her verified signatures are as under.

Thanking you,

Name of the Bidder: -

Verified Signature:

Authorized Signatory: -

Seal of the Organization: -

Date:

Place:

10.4. Acceptance of Terms & Conditions/Clauses

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

Sir,

I have carefully and thoroughly gone through the Terms & Conditions contained in the RFT Document [<<RFT No.>>] regarding Selection of Bidder for Establishment of Automated Unmanned Weighbridge Solution in Government Check gate for i3MS Project.

I declare that all the provisions/clauses of this RFT/Tender Document are acceptable to my company. I further certify that I am an authorized signatory of my company and am, therefore, competent to make this declaration.

Thanking you,

Name of the Bidder:

Authorized Signatory:

Signature:

Seal:

Date:

Place:

10.5. Format for fairness of documents

(Company letterhead)

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

Sir

In response to the RFT No. <<RFT No.>> titled "Selection of Bidder for Establishment of Automated Unmanned Weighbridge Solution in Government Check gate for i3MS Project", I/ We hereby declare that any documents or information submitted under this bid is without any doubt, true and fair, to the best of my/our knowledge.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/ our security may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Thanking you,

Name of the Bidder: -

Authorized Signatory: -

Seal of the Organization: -

Date:

Place:

10.6. Financial Bid Format

10.6.1. Financial Proposal Submission Form

To
Director,
Software Technology Parks of India,
Bhubaneswar, Odisha

Subject: Proposal for the RFT for Selection of Bidder for Establishment of
Automated Unmanned Weighbridge Solution in Government Check gate
for i3MS Project

Reference No.: <<RFT No. >>

Dear Sir/Madam,

We, the undersigned, offer to provide Establishment of Automated Unmanned Weighbridge Solution in Government Check gate for i3MS Project.

Our attached Financial Proposal is for the sum of <<Amount in words and figures>> inclusive of taxes and duties.

1. PRICE AND VALIDITY

All the prices mentioned in our Tender are in accordance with the terms as specified in the RFT documents. All the prices and other terms and conditions of this Bid are valid for a period of 5 years from the date of opening of the Bid.

We understand that the actual payment would be made as per the existing tax rates during the time of invoicing.

2. TENDER PRICING

We further confirm that the prices stated in our bid are in accordance with your clauses in RFT/Tender document.

3. QUALIFYING DATA

We confirm having submitted the information as required by you in your RFT. In case you require any other further information/ documentary proof in this regard before/during evaluation of our Tender, we agree to furnish the same in time to your satisfaction.

4. BID PRICE

We declare that our Bid Price is for the entire scope of the work as specified.

5. PERFORMANCE BANK GUARANTEE

We hereby declare that in case the contract is awarded to us, we shall submit the Performance Bank Guarantee as specified in the RFT document.

Our Financial Proposal shall be binding upon us subject to the modifications resulting from Contract negotiations, up to expiration of the validity period of the Proposal.

We understand you are not bound to accept any Proposal you receive.

We hereby declare that our Tender is made in good faith, without collusion or fraud and the information contained in the Tender is true and correct to the best of our knowledge and belief.

We understand that our Tender is binding on us and that you are not bound to accept a Tender you receive.

Thanking you,

We remain,

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Firm:

Address:

10.6.2. Financial Bid

SL. No.	Components	Basic Cost	GST @ 18%	Total
A	Establishment of Automated Unmanned Weighbridge Solution & Checkgate Monitoring System			
B	Operation & Maintenance for Year 1			
C	Operation & Maintenance for Year 2			
D	Operation & Maintenance for Year 3			
E	Operation & Maintenance for Year 4			
F	Total System Integration Value (Capex + 4 years Opex)			

10.6.2.1. Establishment of Automated Unmanned Weighbridge & Checkgate Monitoring System

SL#	Capital Expenses	Units	Cost (in INR)	Nos.	Basic Cost (in INR)	GST @ 18%	Total
a	Supply & Delivery of hardware	Check-Gate		3			
b	Development of Application Software for Checkgate Monitoring	Lumpsum		1			
c	Deployment of Unmanned Weighbridge Solution	Weigh-Bridge		6			
d	Integration – i3MS	Lumpsum		1			
e	Installation, commissioning & deployment of System	Check-Gate		3			
f	Total						

10.6.2.2. Operation & Maintenance for Year 1

SL#	Operation & Maintenance (Year-1)	Units	Cost (in INR)	Nos.	Basic Cost (in INR)	GST @ 18%	Total
a	Annual Technical Support	Check-Gate		3			
B	Software - Check-gate Operation Monitoring + i3MS Integration-Maintenance (9 Months)	Lumpsum		1			
d	Software - Unmanned Weighbridge Solution - Maintenance (9 Months)	Weigh-Bridge		6			
D	Total						

10.6.2.3. Operation & Maintenance for Year 2

SL#	Operation & Maintenance (Year-2)	Units	Cost (in INR)	Nos.	Basic Cost (in INR)	GST @ 18%	Total
a	Annual Technical Support	Check-Gate		3			
b	Hardware Maintenance	Check-Gate		3			
c	Software- Check-gate Operation Monitoring + i3MS Integration-Maintenance	Lumpsum		1			
d	Software -Unmanned Weighbridge Solution Maintenance	Weigh-Bridge		6			
e	Total						

10.6.2.4. Operation & Maintenance for Year 3

SL#	Operation & Maintenance (Year-3)	Units	Cost (in INR)	Nos.	Basic Cost (in INR)	GST @ 18%	Total
a	Annual Technical Support	Check-Gate		3			
b	Hardware Maintenance	Check-Gate		3			
c	Software - Check-gate Operation Monitoring + i3MS Integration Maintenance	Lumpsum		1			
d	Software - Unmanned Weighbridge Solution Maintenance	Weigh-Bridge		6			
e	Total						

10.6.2.5. Operation & Maintenance for Year 4

SL#	Operation & Maintenance (Year-4)	Units	Cost (in INR)	Nos.	Basic Cost (in INR)	GST @ 18%	Total
a	Annual Technical Support	Check-Gate		3			
b	Hardware - Maintenance	Check-Gate		3			
c	Software - Check-gate Operation Monitoring + i3MS Integration Maintenance	Lumpsum		1			
d	Software - Unmanned Weighbridge Solution Maintenance	Weigh-Bridge		6			
e	Total						

10.6.2.6. Supply & Delivery of Hardware

Sl#	Item	Unit	Qty.	Rate	Amount	GST Rate	GST Amount	Total
1	Sensors	Nos.	60					
2	Boom Barrier	Nos.	12					
3	RFID Reader and Antenna	Nos.	9					
4	Pole (10 Ft) with Fittings	Nos.	42					
5	Wireless Access Point	Nos.	6					
6	Network Switch (PoE)	Nos.	6					
7	Desktop Computers	Nos.	9					
8	Pole (20 Ft) with Fittings	Nos.	3					
9	IP Bullet Camera	Nos.	18					
10	Traffic Lights	Nos.	15					
11	Speaker and Audio Amplifier	Nos.	9					
12	LED Display	Nos.	9					
13	5 KVA UPS (4 hrs. backup)	Nos.	3					
14	Server with Monitor	Nos.	3					
15	Hard Disk	Nos.	6					
16	Hand Held Unit	Nos.	9					
17	Network Rack	Nos.	3					
18	Wiring & Cabling	Lump Sum	3					
Grand Total								

10.6.2.7. **(Optional)** Operation & Maintenance for another 5 Years

SL#	Operation & Maintenance (Year-4)	Units	Cost (in INR)	Nos.	Year 5			Year 6			Total
					Basic Cost (in INR)	GST @ 18%	Total	Cost (in INR)	Basic Cost (in INR)	GST @ 18%	
a	Annual Technical Support	Check-Gate		3							
b	Hardware - Maintenance	Check-Gate		3							
c	Software -Check-gate Operation Monitoring + i3MS Integration Maintenance	Lumpsum		1							
d	Software - Unmanned Weighbridge Solution Maintenance	Weigh-Bridge		6							
e	Total										

SL#	Operation & Maintenance (Year-4)	Units	Cost (in INR)	Nos.	Year 7			Year 8			Year 9			Total	
					Basic Cost (in INR)	GST @ 18%	Total	Cost (in INR)	Basic Cost (in INR)	GST @ 18%	Total	Cost (in INR)	Basic Cost (in INR)		GST @ 18%
a	Annual Technical Support	Check-Gate		3											
b	Hardware - Maintenance	Check-Gate		3											
c	Software -Check-gate Operation Monitoring + i3MS Integration Maintenance	Lumpsum		1											
d	Software - Unmanned Weighbridge Solution Maintenance	Weigh-Bridge		6											
e	Total														