CORRIGENDUM

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh

Chhattisgarh State Cooperative Marketing Federation Ltd.
6th Floor, Tower 'C', Commercial Complex, C.B.D.
Sector-21, Nava Raipur Atal Nagar (C.G.) 492002
Ph. No. - 0771- 2425402
E-mail-id - mf_ctrlroom_raipur@gov.in

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

The below Corrigendum is issued by CG MARKFED in response to the pre-bid queries of perspective bidders with reference to the above-mentioned project and pre-bid meeting hold on 16/10/2019

CORRIGENDUM

<table>
<tr><th>Sl. No.</th><th>RFP Ref</th><th>Original Clause</th><th>Changed Clause</th></tr>
<tr><td>1</td><td>4.5->PQ Criteria->7</td><td>Bidder /Prime Bidder should have in-house development of GPS based Vehicle Tracking Software (monitoring dashboard) and should have valid CMMi level 3 certification</td><td>The bidder /Consortium Partner should have in-house development of GPS based Vehicle Tracking Software (monitoring dashboard) and should have valid CMMi level 3 or higher certification</td></tr>
<tr><td>2</td><td>8.2->Annexure-II->A</td><td>General Features ->(Addition)</td><td>AIS-140 certified for Vehicle Location Tracking Unit</td></tr>
<tr><td>3</td><td>4.5->9</td><td>The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in India</td><td>The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles in a single project and presently up & running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in India</td></tr>
<tr><td>4</td><td>7.3->SLA</td><td>
<table>
<tr><th>Service</th><th>Specification</th><th>Time Frame / Penalty</th></tr>
<tr><td>Hardware Functionality</td><td>If any non-functionality is reported in any part of the device seriously affecting the business transaction, then the component/ device has to be replaced with the spare device for continuity of the Services.</td><td>1. Within 6 hours of reporting at the helpdesk, for replacing the component/ device and making it functional.

If the hardware functionality is not operational according to the SLA, then Rs. 1,000/- per device per day

If more than 25% of GPS devices not working properly (due to GPS hardware failure) then the CG Markfed shall terminate the contract and forfeit the PBG.</td></tr>
</table>
</td><td>
<table>
<tr><th>Service</th><th>Specification</th><th>Time Frame / Penalty</th></tr>
<tr><td>Hardware Functionality</td><td>If any non-functionality is reported in any part of the device seriously affecting the business transaction, then the component/ device has to be replaced with the spare device for continuity of the Services.</td><td>1. Within 6 hours of reporting at the helpdesk, for replacing the component/ device and making it functional.

If the hardware functionality is not operational according to the SLA, then Rs. 100/-per device per day

If more than 25% of GPS devices not working properly (due to GPS hardware failure) then the CG Markfed shall terminate the contract and forfeit the PBG.</td></tr>
</table>
</td></tr>
</table>

5

6.1. 8->Manpower Deployment

Sl. No	Role	Basic Qualification	Nos. Required	Period of requirement
1	Project Manager	BE/ B. Tech and or MBA with at least 6 years of relevant experience	01	Till Project contract period at CG Markfed HQ
2	Software Developer	BE / B. Tech /BCA/MCA with 04 yrs. of IT application development experience out of which minimum 2 years of exp. in VTS application related project	02	Till GO-LIVE period at CG Markfed HQ
3	Control Centre Operators	Graduate in any discipline and having minimum 1yr experience in VTS application in customization and mapping of VTS	06. Business Hours for control centre operator will be 24 hrs. (24*7). Two operators per shift of 08 hrs.	Deployment after establishment of Control Centre Till KMS period -04 month- Nov19 to March20
4	Field technician	Minimum 12th pass/Diploma holder	As per requirement	Deployment after setting up of service centres at storage centres. Till Project contract period (Go-Live _Maintenance phase)

Sl. No	Role	Basic Qualification	Nos. Required	Period of requirement
1	Project Manager	BE/ B. Tech and or MBA with at least 6 years of relevant experience	01	Till GO-LIVE period at CG Markfed HQ
2	Software Developer	BE / B. Tech /BCA/MCA with 04 yrs. of IT application development experience out of which minimum 2 years of exp. in development, customization and maintenance of VTS application	02	Till GO-LIVE period at CG Markfed HQ
3	Control Centre Operators	Graduate in any discipline and having minimum 1yr experience in customization of VTS software, mapping of VTS, reporting and monitoring skills	01	After Go-live period to till project contract period
4	Field technician	Minimum 12th pass/Diploma holder	As per requirement	Immediate Deployment after procurement of GPS devices at CG markfed nominated service centres

Appendix-1

Storage Centre List:

क्रं.	संग्रहण केन्द्र का नाम
1	डबराभाट
2	बाजार चारभाठा
3	कांकेर
4	कांकेर 2
5	भानुप्रतापपुर (गोदाम)
6	लखनपुरी
7	कोंडागांव
8	कटघोरा
9	डोंगरीभाठा (उरगा)
10	छिन्दडांड़
11	कुन्देलभाटा
12	पत्थलगांव
13	बोडासागर (शेरो)
14	मंडी प्रांगण सक्ती
15	मिल प्रांगण जांजगीर
16	शा.भूमि अकलतरा

17	शा.भूमि डभरा
18	गीदम
19	अरसनारा
20	कौडिया
21	जेवरा सिरसा
22	ठेंगाभाठ
23	बासीन
24	सेलूद फड
25	चिटौद
26	देवरी (भखारा)
27	नगरी सिहावा
28	भखारा
29	भाठागॉव (कुरुद)
30	भोयना
31	भोयना (जंवरगांव)
32	लेंजवारा (सरदा)
33	डकवा
34	राजपुर समिति परिसर

35	रामानुजगंज मंडी
36	कसडोल
37	भाटापारा
38	हथबंध
39	छोटेदेवड़ा
40	जगदलपुर
47	भरनीभाठा
48	मण्डी प्रांगण कोटा(सेमरताल)
49	मोपका
50	सेमरताल
51	पेण्ड्री
52	मुंगेली (गितपुरी)
57	पिथौरा
58	बसना
59	बागबाहरा
60	महासमुंद
61	सरायपाली
62	कलकसा
63	घोटिया
64	ठेलकाडीह
65	बांधाबाजार (सेवताटोला)

66	बीजाभाटा (लक्ष्मीनगरघुघवा साल्हे)
67	मदुराकुही
68	सिंघोला
69	खरसिया
70	बरमकेला
71	मेडिकल का.ग्रा.लोहरसिंग
72	हरदी
73	अभनपुर
74	कुरूदभाटा (लाखौली)
75	जौंदा (राजिम)
76	तिल्दा
77	धरसींवा
78	बकतरा (मंदिरहसौद)
79	कृषि उपज मंडी
80	अम्बिकापुर (चिखलिडिह)
81	सीतापुर
82	कोल्डस्टोरेज परिसर
83	सूरजपुर (देवनगर)
84	सूरजपुर (पतरापारा)

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

Responses to Pre-Bid Queries

Sr. No.	Clause No.	Pg. no.	Content of RFP Requiring Clarification	Change Requested/Clarification Required	Responses from CG Markfed
1	9	23	The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in India	The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt/Private sector organizations in India. OR The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 800 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in India.	Refer to corrigendum
2	7	22	The bidder /Prime bidder should have in-house development of GPS based Vehicle Tracking Software (monitoring dashboard) and should have valid CMMi level 3 certification.	The bidder /Consortium Partner should have in-house development of GPS based Vehicle Tracking Software (monitoring dashboard) and should have valid CMMi level 3 certification	Refer to Corrigendum

3	8	22	Bidder should have experience in execution of minimum 2 projects of worth 1 Cr each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt. organizations in India	Bidder should have experience in execution of minimum 2 projects of worth 1 Cr each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt./Private Sector organizations in India **OR** Bidder should have experience in execution of minimum 2 projects of worth 35 Lakhs each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt. organizations in India	As per RFP
4	1	23	The Bidder shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU with at least 1500 VTUs installed in vehicles as on bid date	The Bidder shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU with at least 600 VTUs installed in vehicles as on bid date. **OR** The Bidder shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU/Private Sector with at least 1500 VTUs installed in vehicles as on bid date.	As per RFP

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

5	2	23	Past experience in vehicles tracking project worth 1 Cr. in Government/Public sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale. • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping	Past experience in vehicles tracking project worth 1 Cr. in Government/Public sector /Private Sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale. • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping **OR** Past experience in vehicles tracking project worth 35 Lakhs. in Government/Public sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale. • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping	As per RFP
6	10	37	Setting up of control centre, development/customization of VTS, MIS reports, routes creation and geo fensing, GPS device installation(1500 nos across state), Mapping of all GPS devices (existing GPS devices+newly installed devices), UAT and training and Go Live: - 37 days from LOI	Setting up of control centre, development/customization of VTS, MIS reports, routes creation and geo fensing, GPS device installation(1500 nos across state), Mapping of all GPS devices (existing GPS devices+newly installed devices), UAT and training and Go Live: - 90 days from LOI	As per RFP
7	1.5	11	To provide space for installation/setup of control centre at MARKFED HQ	We understand that MARKFED will be providing UPS power, Generator and required non- IT infrastructure like table, chair etc.Kindly confirm	Yes
8	1.5.2	12	Empanelment with local GPS device manufacture/provider at each district of Chhattisgarh for installation of GPS devices in the registered vehicle	We request not to restrict only local GPS manufacture and open this tender to all GPS device manufacture which will help MARFED to get quality product	GPS device provider is not restricted to local, Chhattisgarh State manufacturer
9	1.5.2	12	Design and execution of Training to stakeholders (Markfed staff) W.r.t implementation, operation and monitoring of Vehicle Tracking System, application developed, APIs and mapping of GPS devices to dashboard for monitoring/tracking of vehicles	We understand required IT and Non- IT infra at each training location will be provided by MARKFED. Kindly confirm.	Training to be imparted only at CG Markfed Head Office, Nava Raipur

10	4.5	22	Bidder /Prime Bidder should have in-house • development of GPS based Vehicle Tracking Software (monitoring dashboard) and should have valid CMMi level 3 certification	We request you modify this clause as below Prime Bidder /Consortium partner should have in-house development of GPS based Vehicle Tracking Software (monitoring dashboard). Prime Bidder /Consortium partner should have valid CMMi level 3 certification	Refer to Corrigendum
11	4.5	22	Bidder should have experience in execution of minimum 2 projects of worth 1 Cr each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt. organizations in India	Since private sector largely uses GPS vehicle tracking system, we kindly request you to consider that experience as well and modify this clause as below. Bidder should have experience in execution of minimum 2 projects of worth 1 Cr each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt./Private Sector organizations in India **OR** Bidder should have experience in execution of minimum 2 projects of worth 35 Lakhs each in supply, installation, maintenance of GPS based complete solution (hardware + software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt./State Govt. Dept./PSU/Quasi Govt. organizations in India	As per RFP

12	4.5	23	The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in India.	We request you to modify this clause as below The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 1500 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt/Private sector organizations in india. **OR** The bidder should have executed similar GPS Vehicle Tracking System having installed devices at least 600 vehicles and presently up and running for any central/state Govt. Dept./PSU/ Quasi Govt. organizations in india.	As per RFP
13	4.6	23	The Bidder shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU with at least 1500 VTUs installed in vehicles as on bid date • 1500-2500 vehicles = 10 marks • 2501-3500 vehicles = 15 marks • 3501 or more = 20 marks	We kindly request you to modify this clause as below The Bidder/Consortium partner shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU/Private Sector with at least 1500 VTUs installed in vehicles as on bid date. • 1500-2500 vehicles = 10 marks • 2501-3500 vehicles = 15 marks • 3501 or more = 20 marks OR The Bidder/Consortium Partner shall have at least one project (completed/in operation) in Central Govt. /State Govt. /PSU with at least 600 VTUs installed in vehicles as on bid date. • 600-700 vehicles = 10 marks • 700-800 vehicles = 15 marks • 800 or more = 20 marks	As per RFP

14	4.6	23	Past experience in vehicles tracking project worth 1 Cr. in Government/Public sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping	We request you to modify this clause as below The bidder/ Consortium partner should have Past experience in vehicles tracking project worth 1 Cr. in Government/Public sector/Private Sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping OR The bidder/ Consortium partner should have Past experience in vehicles tracking project worth 35 Lakhs in Government/Public sector undertaking having the following all scopes: • Supply and maintenance of vehicle tracking application • Procurement, supply, installation and maintenance of GPS devices at diverse location at large scale • Integration of heterogenous GPS to common platform for route creation/updation and geofence mapping	As per RFP
15	4.6	23	Bidder/ Prime bidder should have valid CMMi level 3 certification	We request you to modify this clause as below Prime Bidder/Consortium partner should have valid CMMi level 3 or higher certification	Refer to Corrigendum
16	6.1.5	34	• The selected S1 shall be responsible for providing Control Centre infrastructure at a CG MARKFED HQ office to monitor the movement of paddy transporting vehicles • The selected 51 shall be responsible for complete set up of Control Centre including the display Screens, control computer hardware, along with all other necessary hardware/equipment's, software's (OS, antivirus, etc.)	1. We kindly request you to mention the required IT infrastructure at control centre. 2. We understand that connectivity at control centre will be provided by MARKFED. Kindly confirm	1. Branded OEM 65-inch TV screen for monitoring dashboard and IT infrastructure for team deployed by SI at Head Office. 2. Yes

17	6.1.8	35	Control centre operator: Deployment after establishment of Control Centre Till KMS period -04 month- Nov19 to March20	Kindly explain	After setup of Control & Command Centre at CG Markfed HQ, the requested Control Centre Operator needs to be deployed by the selected SI for the entire KMS period
18	6.1.8	35	Field technician: Deployment after setting up of service centres at storage centres. Till Project contract period (Go Live _Maintenance phase)	Kindly confirm the number of storage centres	No. of storage centres =83. Refer to annexure
19	7.1	37	General	It will be difficult to install the entire 1500 equipment's and customize the software make it live in 37 days. We request you to modify the timeline considering go live in 120 days.	As per RFP
20	7.2	38	General	Since there is huge CAPEX investment involved we request you bifurcate the scope of work in to CAPEX and OPEX portion and modify the payment terms as below On delivery: 70% CAPEX cost Installation, commission and Go Live: 30% CAPEX cost Monthly payment: OPEX cost	As per RFP
21	Clause 6	22	Bidder and consortium partner should be a profitable vendor and have positive net worth since last three years.	Can we change that to 'OR' (Bidder and consortium partner should be a profitable vendor OR have positive net worth since the last 3 FY).	As per RFP
22	Clause 7	22	Bidder/ Prime bidder should have in house development of GPS based Vehicle Tracking software.	If one member of the consortium has developed in house, does that work?	Refer Corrigendum
23	Clause 1	23	The Bidder shall have at least one project (Completed/ In Operations) in central Govt./ State Govt./ PSU with at least 1500 VTS installed in Vehicle.	can we consider the deployment be in private sector vehicles instead of Govt/PSU?	As per RFP
24				Is the vehicle owned and will remain constant through the project duration? Or is it through market trucks and will	Transporter/Millers vehicles may be/may not be remain same throughout the project duration

25				Manpower at control center for monitoring of vehicles: how many people, how many control centers?	No. of resources mentioned in RFP under Manpower section. Control Centres would be only at CG Markfed Head Office, Nava Raipur
26				How many vehicles have devices already installed? What is the specifications?	No records with CG Markfed. If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI
27				Number of trips	Not defined. Depend on work capacity and volume of CG Markfed business
28				Number of Locations	Refer Annexure
29				90 days of data should be in the GPS device: can it be stored on the server side? If GPS, then why?	For the monitoring, MIS reporting and audit purpose by the CG Markfed
30				Clarity on license of installation etc.	License/Ownership of software would be of selected SI. In case of GPS device, if procured on rental basis then it would be of selected SI
31				What is the format in which the pre-defined routes will be shared?	Common GPS data format for software applications, example-GPX i.e., GPS Exchange format

32	1.3	10	All Vehicles owners/transporters/millers should mandatorily euip their vehicles with GPS devices from empanelled vendors	We suggest to describe more about the empanelled vendors in the view of below questions 1) Is this referred to the empanelment of Chhattisgarh state transport office (AIS 140 certification empanelled vendors)? The Chhattisgarh state is in process of empanelment of AIS 140 certified GPS vendors and the process is yet to concluded.	Selected SI should empanel with minimum 3 GPS devices manufacturer and should provide minimum 3 different vendors GPS devices for installations to CG Markfed registered transporters/millers vehicle
33	1.5.3	12	Responsibility of System Integrator: 5th responsibility to integrate API's and get coordinates to common dashboard with existing GPS installed in the vehicles	Kindly clarify how many vehicles are already fitted with GPS systems? We also request you to clarify if the vehicles owners are free to buy any GPS system after issuance of this contract too? This is very important as vehicle owners may come with any GPS device and it might not be compatible to integrate with application.	No records with CG Markfed. If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI
34	1.5.3	12	Responsibility of System Integrator: 6th responsibility, to ensure GPS devices installed in all the registered vehicles and remain operational all the time in service and connected to the backend data centre	Kindly note that we can ensure the uptime of our GPS devices and can ensure that it is connected to backend application However, the uptime and maintained of GPS devices already installed by different OEM will not be in our scope.	If already installed GPS devices mapped to the VTS software then, only alert, tracking and other features, as mentioned in RFP to be provided by the selected SI
35	4.5	22	The Bidder should have an annual financial turnover of at least INR 06crore in last three financial years (FY 18-19, FY17-18, and FY 16-17) from IT software or GPS related Services, as on bid date	We suggest to modify the clause as below: The Bidder should have an annual financial turnover of at least INR 60 crore in last three financial years (FY 18-19, FY17-18, and FY 16-17) from IT software or GPS related Services, as on bid date	As per RFP
36	4.5	22	Bidder should have experience in execution of minimum 2 projects of worth 1 Cr each in supply, installation, maintenance of GPS based complete solution (hardware+ software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt/State Govt. Dept./PSU/Quasi Govt. organizations in India	We suggest to modify the clause as below: Bidder should have experience in execution of minimum 2 projects of worth 10 Cr each in supply, installation, maintenance of GPS based complete solution (hardware+ software) supply & installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt/State Govt. Dept./PSU/Quasi Govt. organizations in India	As per RFP

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

37	4.5	23	The Bidder should have executed similar GPS Vehicle Tracking Systems having installed devices at least 1500 vehicles and presently up and running for any Central/State Govt. Dept./PSU/ Quasi Govt. organizations in India	We suggest to modify the clause as below: The Bidder should have executed similar GPS Vehicle Tracking Systems having installed devices at least 5000 vehicles and presently up and running for any Central/State Govt. Dept./PSU/ Quasi Govt. organizations in India	As per RFP
38	4.5 and 4.6	22	Pre-Qualification Criteria and Technical criteria	Perhaps these criteria can be diluted to accommodate start-ups working in telematics space to have level playing ground. The minimum size of the previous projects (Will be helpful if it is reduces to 500 vehicles) The requirement for CMMi levels We also are associating our self with one of the big technology companies in the country to form a consortium.	As per RFP
39	8.1	40	VTS Functional Requirements	More clarity on the required to support proprietary databases. Please through some light on how integrations with other government tech-platforms	API based integration. Required API to be provided the CG Markfed NIC technical partner
40	8.2	44	Technical Specifications of GPS device	Requirement of 4 digital input pins, RS-232 adds exponential cost overhead. Perhaps a better clarity on schematics of the connected systems that we are going to build will helps to choose a cost-effective VTD and the associated set of sensors.	As per RFP
41	3.12	18	EMD	The units registered under Single Point Registration Scheme of NSIC are eligible to get the benefits under Public Procurement Policy for Micro & Small Enterprises (MSEs) Order 2012 as notified by the Government of India, Ministry of Micro Small & Medium Enterprises, New Delhi vide Gazette Notification dated 23.03.2012. **http://www.nsic.co.in/Schemes/Single-Point-Registration.aspx**. Firms registered with NSIC and MSME should be exempted from paying the EMD amount as per directions issued from Government of INDIA	As per RFP
42	6.1	31	Scope of Project S No. 4	1)Kindly clarify that the APIs for integration will be exposed to VTS System Integrator by the NIC. 2) Please also clarify if any data from the GPS portal needs to be pushed into NIC application.	1. Agreed 2. Actual distance data travelled by the registered vehicle

43	6.1.3	33	Hosting Environment for VTS Application	Kindly ensure that the data centre or the cloud server where CG MARKFED Data is hosted is kept in India. Please ask the vendors to either share the location of their data centre or the cloud service provider where data is to be hosted.	CG Markfed applications hosted at CHiPS State Data Centre, Raipur. Software and Data for VTS to be hosted at DC/cloud platform to be provided by the selected SI
44	6.1.2	33	Vehicle Tracking System Application	Please clarify on the approximate quantity of SMSs that needs to be send to various stakeholders in this project. This is required for cost estimates.	SMS Gateway to be provided by the CG Markfed NIC Technical Partner
45	6.1.8	35	Manpower Deployment (Field Technician)	Please clarify how many locations (Storage Centre Level) are there where field engineer manpower is to be deployed	At each 83 storage centre. Refer to Annexure of Corrigendum
46	8.2	44	Annexure - II - Technical Specifications of GPS Device	Kindly remove Gagan from the Augmentation type as it is not stable – It is better to follow international standards like NMEA augmentation as it provides better accuracy and sensitivity of the system cannot be achieved with Gagan type augmentation. Hence please remove Gagan as the mandatory requirement to offer better services and accurate location tracking. So, we request you to please allow GAGAN or NMEA or any equivalent standards for GPS Augmentation	As per RFP
47	8.2	44	Annexure - II - Technical Specifications of GPS Device	Please remove embedded sim-cards or make it optional. Embedded sim cards are not stable and dual profile does not works as desired.	As per RFP

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

48	7.2	39	Service Level Agreement	The penalties are exorbitantly high and impractical to achieve the requested uptime. Penalty of 1000/- per 6 hours is way beyond the industry standards. Kindly give the breakup in percentage wise. Also, please put a clarification that if the hardware is not working and the vehicle is not available at the storage centre then the penalty will not be counted. Penalty duration should only start if the vehicle is running for CG markfed and once a written request is received for repairing the Hardware. Also, it must be clearly mentioned that if the hardware was not working due to issues such as wire cut or disconnection or any other reason which is beyond vendor's scope than the breakdown hours should not counted and No penalty should be deducted for such scenarios	Refer to corrigendum
49			Prime bidder or consortium partner	Prime bidder or consortium partner should be allowed to bid with of its 100% subsidiary entity.	As per RFP
50	4.5	22	Bidders should have experience in execution of minimum 2 projects of worth 1 CR each in supply, installation, maintenance of GPS based complete solution (hardware+software) supply and installation of GPS hardware devices and development/customisation of vehicle tracking system, monitoring dashboard, and reporting for any central govt./state govt/PSU/Qausi govt. organisations in India	can experience of private sector be considered in this clause. There are many organisations who are providing quality GPS products to private sector and they will not be able to apply for this tender if private sector experience is not allowed.	As per RFP
51	4.5	23	The bidder should have executed similar GPS Vehicle tracking system having installed devices at least 1500 vehicles and presently up and running for any central govt./state govt/PSU/Qausi govt. organisations in India	can experience of private sector be considered in this clause. There are many organisations who are providing quality GPS products to private sector and they will not be able to apply for this tender if private sector experience is not allowed.	As per RFP
52	6.1.2	33	The proposed VTS application should be open source application and should require minimum effort in configuration to match the	A VTS application requires significant efforts to develop and development companies spend considerable time and money to develop the same. To open source such application will result in poor quality of application. Can you please remove the preference for open source and maintain only the configuration part. As system integrator will be responsible for maintaining the application, they should be able to deliver world class application without open sourcing the same.	As per RFP

53	8.1	43	SMS Gateway integration to send bulk SMS to the groups/individuals through manual or system generated facility.	Will SI raise the invoice with actuals for SMS or SMS cost need to be adjusted in the overall financial proposal? If SMS cost need to be covered in overall financial bid, can you please provide any approx. number of SMS to be sent in a month/year.	SMS gateway would be provided by CG Markfed
54	4.5 (2)	22	Bidder Should make a Payment Rs.12,00,000/- (Rupees Twelve Lakhs Only) towards Bid Security /EMD	Required to be exempted for MSME/NSIC/ DIPP registered firms as per GFR (rule attached)	As per RFP
55	4.6 (1)	23	The bidder shall have at least one project in central govt./ State govt. / PSu with at least 1500 VTUs installed in Vehicles as on bid date	Required to be decreased to 1000 nos. for MSME/NSIC/ DIPP registered firms as per GFR (rule attached)	As per RFP
56	4.5 (3)	22	The Bidder Consortium partner must be a Company registered under the Indian Companies Act 1956 or 2013 and have their registered offices with legal presence in India	Request to allow Participating of Proprietorship Firm	As per RFP
57	4.5 (8)	22	Bidder should have experience in execution of minimum 2 projects of worth 1 Cr. Each in supply, installation, maintenance of GPS based complete solution (hardware+software) supply & installation of GPS hardware devices and development / customization of vehicle tracking system, monitoring dashboard and reporting for any central Govt/State Govt., Dept./PSU/Quasi Govt organization in India	Required to be decreased the project value from 1cr to 80 Lakh.	As per RFP
58	1.4>4		Vehicle already having GPS devices to be integrated with Single Platform Integration	Not possible for any player to perform integration of any 3rd party devices as technology coding structure and vulnerabilities re unknown and unavailable.	If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI
59	1.5.2>5		To Integrate API's and get coordinates to common dashboard with existing GPS installed in vehicles (GPS hardware may be from any heterogeneous manufacturer)	Not Possible for above stated reasons.	If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI

60	1.5.3>3&4		Vehicle owner already having GPS devices installed In their vehicles needs to share the model, protocol, APIs to SI for integration. To obtain API's from the existing device manufacturer and give live co-ordinates to platform	Not feasible option, as there are more than 800 manufactures officially registered, and other countless manufactures and distributors along with those who are importing TD devices from Other countries. It would be almost impossible to procure API's from any such manufacturer or distributor.	If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI
61	4.9>d		EMD = 12,00,000.00/- and Performance Bank Guarantee ~ 10 % of contract value	Relaxed for Start-ups under start-up india, msme registration.	As per RFP
62				Hardware warranty shall come with limited period warranty.	Selected bidder's responsibility
63	6.1.1> 9		The Bidder shall be responsible for upgradation and updation of all hardware for successful operation of project	Include the clause of condition of such upgradations/updation required. If any hardware/ software requirement changes are proposed (requirements not mentioned in RFD) then even financials should be updated.	As per RFP
64	6.1.1>15		in case of any device models becomes obsolete, …….	Define obsolete device, if all the devices provided by Bidder will be of latest standards and as per MArkFeds's requirements of both Hardware and software. If MARKFED's requirement changes in future, will result into the revision of all aspects of the bid as well.	End of Life/Support should not be declared by the OEM till the project period
65	6.1.3>1		Si would be responsible for the hosting of developed VTS application. At their own cloud infrastructure.	Much unclear clause as MARFED's also requires to integrate VTS application with NICs portal. It would be a subject of server security and unsure if NIC will allow any such open integrations.	Integration should be application level not with NIC portal.
66	22	4.5	Bidder or prime bidder should have in-house development of GPS based vehicle tracking software (monitoring dashboard) and should have valid CMMi level 3 certification	Please specify whether we can submit ISO 9001:2015 Certification instead of CMMi level 3 certification as it covers both manufacturing and services unlike CMMi Level 3 which is just for services	As per RFP
67	30	7.1	Empanelment with local GPS supplier/manufacturer	Can we do this on our own as we are manufacturer of the product	Agreed, but bidder should provide minimum 03 different OEM GPS devices for installation

68	10	1.3	All vehicle owners/transporters/millers should mandatorily equip their vehicle with the GPS devices from the empanelled vendors provided by the selected SI , in order to get the specific data from GPS devices to the single platform application without any protocol compliance issue	Please clarify if SI is the GPS device manufacturer will it still be required to empanel other manufacturers?	Yes
69	3.1.2	18	Earnest Money Deposit(EMD)/ Bid Security	Request to exempt the companies which are registered with MSME/NSIC from paying the EMD	As per RFP
70	1.5.2	12	5. Integration of developed application with NIC software of MARKFED	Kindly let us know the details of the NIC application and required API has to be exposed by the NIC for integration	Would be provided to the selected bidder after the award of contract
71	1.5.2	12	3. Empanelment with local GPS device manufacturer/Provider at each district of Chhattisgarh for installation of GPS devices in the registered vehicles	Empanelling service provider in 27 districts might not be is not feasible and the SI will not be having any control on the local service provider. We request allow the companies who are manufacturer of the device and having direct/indirect presence in the state of Chhattisgarh and allow the bidder to make use of partner network for installation and service related issues to have better control.	As per RFP
72	1.5.2	12	6. To ensure GPS devices installed in all the registered vehicles and remain operational all the time in service and connected to the back-end data center	if the devices are supplied and installed by SI he will having control on the devices. It is not possible to for the operationally to monitor and maintain the devices which are manufactured by different OEM as the device data protocol differs from OEM to OEM. Kindly make AIS140 as the standard for the devices	Refer to Corrigendum
73	1.5.3	12	3. The vehicle owners already having GPS devices installed in their vehicles needs to share the model, protocol and other required details	Since protocol varies from OEM to OEM, request to make AIS140 certified devices as mandatory, for which the protocol remains same across OEM's.Any existing GPS devices has to be replaced with AIS140 certified device	Refer to Corrigendum
74	4.5	22	8. The bidder should have experience in execution of minimum of 2 projects worth 1 Cr each in supply, installation and maintenance of GPS based complete solution, supply and installation of GPS devices and development and customization of Vehicle Tracking system, monitoring dashboard and reporting for any central, Govt/State Govt Dept./PSU/Quasi Govt Organizations in India	Request to include the service provided to Private Companies also	As per RFP

75	4.5	23	9. The bidder should have executed similar GPS Vehicle Tracking Systems having installed devices at least 1500 vehicles and presently running for any central, Govt/State Govt Dept./PSU/Quasi Govt Organizations in India	Request to include the service provided to Private Sector also	As per RFP
76	4.6	23	1. The Bidder shall have at least one project in Central Govt./State Govt. /PSU with at least 1500 VTUs installed in vehicles as on bid	Request to include the service provided in the private sector also	As per RFP
77	4.6	23	2. Past Experience in Vehicle Tracking Projects worth 1 Cr in Government /PSU having the following scopes - Supply and Maintenance of Vehicle Tracking Application - Procurement, supply Installation and maintenance of the devices at diverse location at large -Integration of heterogeneous GPS to common platform for route creation/updation and geofence mapping	Request to include the service provided in private sector also	As per RFP
78	6.1.1	32	The bidder shall be responsible for updation, upgradation of all hardware of all hardware for successful operation of the project during contract period	Please provide clarity on hardware upgradation. We assume it is only Firmware upgradation	Agree
79	6.1.2	32	The selected bidder shall provide the map data of Chhattisgarh	Whether the usage of Open street map/Map My India Maps are allowed	Yes
80	6.1.3	33	CG Markfed plans to procure the cloud services PaaS Platform cloud service providers	Related application software, database and any other software related aspects to be taken care by MARKFED	Selected bidder would be only responsible for VTS software hosting and maintaining the database at their own infrastructure
81	6.1.5	34	Establishment of Control Center	Kindly provide the BoM, BoQ and Specification of the display screens, computer hardware required for Control Center	Branded OEM 65-inch TV screen for monitoring dashboard and IT infrastructure for team deployed by SI at Head Office.
82	6.1.8	34	Manpower Deployment	Since most of the VTS solution provider uses off the shelf application it is kindly requested to remove the clause which is unnecessarily will only burden the department commercially. The deploying Project Manager, twodevelopers for customization is not practical due to limited work/scope and also commercially not viable. Kindly look into this	3 Manpower support till Go-live and 1 manpower for reporting till project period is required. Refer to corrigendum

83	6.1.8	34	Manpower Deployment- Field Engineer	Please provide the total no. of storage center level procurement	Refer to Annexure of Corrigendum
84	1.5.2-> 2	12	Integration of developed application with NIC software the Markfed	What level of integration is required. Integration with existing system is understood as pushing the locational data of the device in already developed system	API integration with CG Markfed NIC developed software application.
85	1.5.2 -> 3	12	Empanelment with local GPS device manufacturer/provider at each district of Chhattisgarh for installation of GPS devices in the registered vehicles	Need better clarity on this point	Selected Si should provide the option for minimum 03 different manufacturer GPS devices
86	1.5.2 -> 5	12	To integrate API's and get coordinate to common dashboard with existing GPS installed in vehicles (GPS hardware may be from heterogeneous manufacturer)	This is separate from the requirement of 1500 devices which are to be supplied and installed. Please clarify	No
87	1.5.2->6	12	To ensure GPS device installed in all the registered vehicles remain operational all the time in service and connected to the backend data server	In case of devices provided by other manufacturer, the functioning of GPS device cannot be ensured by the SI. Please revisit the point	If the existing GPS devices protocol not supporting the VTS software, then empanelled GPS devices need to be installed by the CG Markfed registered transported/millers from the selected SI
88	4.5 -> 8	22	Bidder should have experience in execution of minimum 2 projects of worth 1 cr each in supply, installation, maintenance of GPS based complete solution (hardware + Software) supply and installation of GPS hardware devices and, development/customization of vehicle tracking system, monitoring dashboard and reporting for any Central Govt/State Govt/PSU/Quasi Govt. organization in india	Along with Govt. large corporates with repute must be allowed in experience.	As per RFP
89	4.5 -> 9	23	The bidder should have executed similar GPS Vehicle Tracking System having installed at least 1500 vehicles and presently up and running for any Central Govt/State Govt/PSU/Quasi Govt. organization in india	Along with Govt. large corporates with repute must be allowed in experience.	As per RFP
90	6.1 ->3	31	Monitoring Dashboard Software must be open source	Need better clarity on this point	VTS Software application build on Open Source Platform would be preferred

91	6.1 -> 6	31	Technical Manpower deployed at control centre and support manpower at district Markfed storage centre or any other location decided, for installation &dismantling of GPS devices of identified vehicles	The number of total manpower is to be deployed needs to be clarified as they would contribute to the maximum cost of the project. The other point mentioned is of dismantling of GPS device, is the GPS needs to be dismantled?	Refer to corrigendum
92	6.1.1	32	The GPS device should be fitted in such a way that it cannot be tampered, removed & damaged	The GPS device will be installed in the vehicle. There is no way that SI can ensure that the device remains unharmed. It is the responsibility of the vehicle owner to ensure that the GPS device remains unharmed and untouched.	Agree
93	7.2	38	Payment Schedule	In case of Damage, theft or loss of device by any other means, how will the SI recover the cost of device. Need clarification	CG Markfed would pay, if the GPS devices taken on rental basis by the registered transporter/millers vehicles
94	7.3	39	Service Level Agreement	The hardware functionality can be of the devices supplied by SI can be ensured and covered under this SLA. The devices installed by other manufacturer shall not be covered under this SLA	Agree
95	3.12	18	EMD	The units registered under Single Point Registration Scheme of NSIC are eligible to get the benefits under Public Procurement Policy for Micro & Small Enterprises (MSEs) Order 2012 as notified by the Government of India, Ministry of Micro Small & Medium Enterprises, New Delhi vide Gazette Notification dated 23.03.2012. **http://www.nsic.co.in/Schemes/Single-Point-Registration.aspx**. Firms registered with NSIC and MSME should be exempted from paying the EMD amount as per directions issued from Government of INDIA	As per RFP
96	4.6	23	Technical Qualification Criteria Points 1 &2	Experience criteria of reputed private parties should also be considered. If the firm has installed and provided VTS solutions in reputed Private Limited companies of India For Eg: Adani, Reliance, Tata, Aditya Birla Group etc and especially in the states of Chhattisgarh, it should also be considered. Works done with value more than 1 crore in reputed and known private firms should also be considered as proven experience In the technical evaluation criteria, points should also be given if the vendor has executed projects more than one in around 1500+ Vehicles	As per RFP

RFP for Selection of System Integrator for supply, installation, development, implementation and maintenance of GPS based vehicle tracking system for MARKFED, Chhattisgarh-- Corrigendum

97	6.1	31	Scope of Project S No. 4	1)Kindly clarify that the APIs for integration will be exposed to VTS System Integrator by the NIC. 2) Please also clarify if any data from the GPS portal needs to be pushed into NIC application.	1)Yes 2) Yes
98	6.1.3	33	Hosting Environment for VTS Application	Kindly ensure that the data centre or the cloud server where CG MARKFED Data is hosted is kept in India. Please ask the vendors to either share the location of their data centre or the cloud service provider where data is to be hosted.	CG Markfed applications hosted at CHiPS State Data Centre, Raipur. Software and Data for VTS to be hosted at DC/cloud platform to be provided by the selected SI
99	6.1.2	33	Vehicle Tracking System Application	Please clarify on the approximate quantity of SMSs that needs to be send to various stakeholders in this project. This is required for cost estimates.	SMS Gateway to be provided by the CG Markfed Technical Partner NIC
100	6.1.8	35	Manpower Deployment (Field Technician)	Please clarify how many locations (Storage Centre Level) are there where field engineer manpower is to be deployed	At each 83 storage centre. Refer to Annexure of Corrigendum
101	6.1.8	35	Control Centre Operators	Please clarify for setting up of control room what sort of hardware will be provided by the CG Markfed like room, electricity, AC, computers, fans, tables, chairs, internet, telephone line etc. Please also clarify the location where such control room will be setup.	CG Markfed would provide the basic infra such as sitting space, electricity, table, chair, and internet. Other required IT setup such as Branded OEM 65-inch TV screen for monitoring dashboard and IT hardware for team deployed by SI at Head Office, to be provided by the selected SI
102	8.2	44	Annexure - II - Technical Specifications of GPS Device	Kindly remove Gagan from the Augmentation type as it is not stable – It is better to follow international standards like NMEA augmentation as it provides better accuracy and sensitivity of the system cannot be achieved with Gagan type augmentation. Hence please remove Gagan as the mandatory requirement to offer better services and accurate location tracking. So, we request you to please allow GAGAN or NMEA or any equivalent standards for GPS Augmentation	As per RFP