

(E-TENDERING NOTICE)

BORDER ROADS ORGANISATION

MINISTRY OF DEFENCE

CHIEF ENGINEER, PROJECT BRAHMANK, C/O 99 APO

TENDER NO: CE (P) BMK-EPC 02 OF 2022-23

"REPLY OF THE QUERIES RAISED BY FIRMS"

1. Reference Tender ID No. 2023_BRO_586892_1 dated 24 Mar 2023.
2. Reply of the queries raised by firms is enclosed herewith as Annexure-I.



(Raj Kumar)

SE(Civ)

Director (EPC)

For Offg Chief Engineer

DETAILS OF QUERY OF GANDHI BRIDGE

S/No	Name of the Bidder & Queries	Queries asked by Bidder	Comments of Authority
A	Query No.1	<p>We have understood that, clause No.2.2.2.2 (ii) of Section-1 of RFP is not applicable for this tender considering it a standalone specialized project due to its scope of work, which mainly involves construction of 2 nos. major bridges and the bidders need to meet the technical eligibility criteria as mentioned under clause no.2.2.2.2 (iii) (a1) of section-1 of RFP only please confirm for clarity.</p>	<p>It is confirmed that clause 2.2.2.2(ii) is not applicable as mentioned in RFP</p>
Query No.2:		<p>(i) Both the criteria under 2.2.2.2 (iii) (a1) & (a2) seen to be similar to us. Please confirm the criteria applicable to the bidders for this tender between (a1) & (a2).</p> <p>(ii) As the project involved special type of span in bridge superstructures i.e 260m long unbalanced extradosed span and that also need to erect launched over river Siang without taking any ground supports, we envisage the requirement of similar experience and exposure to such difficult condition which may eliminate the misquoting and also enable the competent and capable bidders only to quality and bid for this prestigious project.</p>	<p>As per RFP</p>
Query No.3:	GPT InfraProjects Ltd	<p>In the above context, we would request you to include additional eligibility criteria for experience in erecting/launching of at least one 100m or above cable stayed/extradosed span across any waterway/road/rail tracks without taking any ground supports.</p> <p>As per the standard practice followed by MoRTH/NHAI for EPC tenders, we would propose to provide atleast 90% of the proposed ROW on the Appointed date and balance ROW may be provided within 90 days after the Appointed Date. Please modify the clause accordingly to facilitate the contractor for initiating their pre-construction activities at proposed site immediately after getting the Appointed dated without any hindrances.</p>	<p>As per RFP</p>
Query No.4:		<p>As per the stated tender stipulations, we understood that, the type of spans and span configurations of both the bridges as mentioned in the relevant EPC schedules/drawings are indicative and may modify accordingly to the site requirements and constructional convenience without decreasing the total length of the bridges as well as the obligatory span lengths i.e 260m & 51.5m as proposed in the tender documents.</p> <p>Hence, the bidder are free to adopt any other suitable type of girders except Extradosed span with PSC box segments and/or composite steel girders as proposed. Only the width as shown in the cross-sectional drawing are to be followed strictly at deck level.</p> <p>Please confirm for clarity.</p>	<p>Bidder shall quote only for Extradosed bridge with the condition that Pier should be outside of the HFL.</p>

Query No.5:	GPT InfraProjects Ltd	Considering the different type of spans and height of substructures, we propose to provide separate payment/stage payment schedules for each bridge/bridge components. In addition, the stage payment needs further break-up for maintaining project friendly cash flow at site too.	Breakup details of Payment schedule is attached as Appx 'A'
Query No.6:		In the above context, we proposed a revised stage payment schedule with further breaks-up and that also separately for the two Major Bridges in scope. Our proposed stage payment is enclosed herewith as Annexure-'A' for your perusal and kind acceptance.	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation if required.
Query No.7:		We would request you to share the available geo-technical report bore- log data) on the basis of what the design report is prepared. It is only for the guidance of the bidders at pre-tender stage.	Bid submission has been extended.refer corrigendum.
B	DAYTON NATURAL RESOURCES PVT LTD	Considering the complexity in design and construction of the proposed bridges and the extensive study required in proper evaluation of the project cost by opting appropriate span configurations and erection schemes and accomplish all pre-tender activities including site and materials/aggregates survey to submit a comprehensive bid to you, we would request you to please consider our above proposals and provide required data as early as possible and also please grant extension for bid submission due date for atleast 15 (fifteen) working days from the existing due date i.e 08.05.2023. Request to remove the technical qualification requirement for the financial partner in case of the bidder being a joint venture. This is necessary as project will consume massive investments during various stages and in case of any other foreseen like climate/other conditions strong financial partners are required to stand tall for continuity and beef up resources, raw materials in times of peak volumes of construction work.	AS per RFP
C	1	We request you to kindly Allow Bid security in the form of FDR of Nationalized bank also and modify the clause as: The Bidder shall furnish as part of its BID, a BiD security referred to in Clause 1.2.4 here in above in the form of a bank guarantee/FDR issued by nationalised bank, or a Scheduled Bank in India having a net worth of at least Rs.1,000 crore (Rs One thousand crore) in favour of the Authority in the format at Appendix II (the " Bank Guarantee")	FDR is acceptable in addition to the other forms as already mention in RFP.
2		Bid due date for Online & Offline (Physical Document submission) both are on same day. It will be very difficult for the bidders to submit the Hard copy of the Bid on Same day of Online submission. Hence we request you to kindly allow bidders to submit the hard copy of the documents within seven (7) after online submission of the Bid. We would propose steel arch bridge	Hard copy can be submitted within 7 days of Bid due date.
3	GAMMON ENGINEERS AND CONTRACTORS PVT		Only Extradosed bridge with the condition that Pier should be outside of the HFL.

4	LTD	Originally it was arch bridge design only. Consultant have mentioned piers in their report. Hence we request that the contractor should be free to give their own suitable design	Breakup details of Payment schedule is attached.
5		We request to clarify that according to present Clause the contractor has to complete two foundation to claim 50% (Fifty percent) of the payment. Taking this into the consideration there will always be a block of 50% bills.	
6		It is highly unlikely to have design consultant who have successfully designed 3 numbers cable stayed or Extradosed bridges hence we suggest that a design agency having experience of designing One (1) number cable stayed or Extradosed bridge should be allowed.	The design director should have successfully designed 01 no Extradosed/cable stayed bridge of Minimum 260 m single span and 02 nos bridge of Minimum 100m single span.
7		We propose design and drawings shall be approved from the Authority Engineer within 120 days (One Twenty) from the Appointed date. Kindly consider.	As Per RFP
LOT-2			
1		Please confirm SV loading has to be considered.	SV loading is not mandatory.
2		1. Please confirm the bidder is free to modify the span arrangement and choose any type of substructure/ bearing/ superstructure.	Only Extradosed bridge with the condition that Pier should be outside of the HFL.
3		2. Whether bidder can adopt any type of foundation based on Geotechnical report.	As per RFP
4		Request to share the Autocad files of the drawing and Lsections at bridge site.	As per RFP
5		Request to share the Autocad file of the drawings and L-Section at Bridge site.	Contractor to consider wind speed as per IRC/MoRT&H codes/ specifications/Guidelines.
6		As the location of the bridge comes near the Very high damage risk Zone-B (V=50m/s), and Moderate Damage risk zone (V=44m/s), Please confirm the wind speed to be adopted in this region.	As per RFP
7		Please mention the load per meter for Utilities to be adopted	As per RFP
8		Please confirm bearing type mentioned in drawings is not mandatory and the Contractor is free to use any type of bearings like Elastomeric, POT PTFE or spherical etc. satisfying all codal provision and design conditions.	As per RFP
9	GAMMON ENGINEERS AND CONTRACTORS PVT LTD	Please confirm any treatment has to be provided for reinforcement.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
10		It is not mentioned whether painting of structure is under scope of the contractor. Please confirm.	Painting is included in the scope of work.

11	Please confirm whether footpath will be replaced by live load for future provision.	Yes Footpath will be replaced by live load for future provision.
12	Kindly provide Geotechnical Report (bore hole details, n- Value etc.) for extradosed bridge at CH 2+908 KM and major bridge CH 2+590 KM	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation.
13	Kindly provide Hydraulic Report for Extradosed bridge at CH 2+908 Km and major bridge CH 2+590 Km	As per RFP
14	Please inform whether Congestion factor should be adopted for this project.	Not required.
15	Please provide seismic zone for this project	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
16	Please conform Exposure condition to be adopted for this project.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
17	The grade of concrete and steel mentioned in GAD are minimum or else bidder can adopt grade of concrete and steel as per design. Please clarify	As per RFP
LOT-3		
1	We request you to confirm applicability of Bid security in the form of FDR as so stated in tender RFP document, E-tendering format wherein FDR is permissible.	FDR is acceptable in addition to the other forms as already mention in RFP.
2	As per RFP clause no 2.21 performance security mentioned is 3% of CV, Kindly reconfirm the same.	As per RFP
3	We Suggest 90% of Performance security to be released after satisfactory completion certificate + 1 Year of defect liability period, Balance 10 % Performance Security to be released after 10 years i.e. after completion of O & M. Please consider this favourably.	As per RFP
4	The tender is without GST or any Taxes as per the tender documents, But the when the BOQ is uploaded on Defence eprocure portal all quotes are with Taxes. Kindly Clarify.	Pls refer clause 19.1 of DCA
5	Bid Due Date for Online & Offline (Physical Document submission) both are on same day. It will be very difficult for the bidders to submit the Hard copy of the Bid on Same day of Online submission. Hence we request you to kindly allow bidders to submit the hard copy of the documents within Seven (7) after online submission of the Bid.	Hard copy can be submitted within 7 days of Bid due date.
6	We request you to confirm that the Bidder is free to propose different suitable type of Bridge to span the bridge site according to requirement of GAD subject to the condition that the length of the controlled Span of proposed bridge arrangement by Bidder shall not be less than 250 Mtr.	Bidder shall quote only for Extradosed bridge with the condition that Pier should be outside of the HFL.

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**GAMMON
ENGINEERS AND
CONTRACTORS PVT
LTD**

<p>This clause is ambiguous wherein stage payment is limited to min. 25% simultaneously to completion of min. two foundations i.e. 50%. We propose that the quantification of the total quantities of foundations and proportionate payments to be released wrt quantities executed viz a viz total quantities</p> <p>This clause is ambiguous wherein stage payment is limited to min. 25% simultaneously to completion of min. two sub-structures i.e. 50%. We propose that the quantification of the total quantities of sub-structures and proportionate payments to be released wrt quantities executed viz a viz total quantities</p> <p>Please note all three spans are being executed simultaneously and completion of single span as so mentioned in the call for tender is not possible. We propose that the quantification of the total quantities of super-structures and proportionate payments to be released wrt quantities executed viz a viz total quantities</p> <p>We request clarity as all temporary guide bunds and river training Works is within the scope of the Bidder. Permanent Guide Bunds or River training works are beyond the present scope.</p> <p>We propose that adequate hrabun to be made for this activity also same as follows.</p> <ol style="list-style-type: none"> 1. Design - 5% 2. Crash barriers -0.5% 3. Railings - 0.5% 4. Load testing -0.5% 	<p>Breakup details of Payment schedule is attached.</p> <p>Breakup details of Payment schedule is attached.</p> <p>Breakup details of Payment schedule is attached.</p> <p>AS per RFP</p> <p>Breakup details of Payment schedule is attached.</p>
<p>It is highly unlikely to have design consultants who have successfully designed 3 numbers Cable stayed or Extradosed bridges hence we suggest that a design agency having experience of designing One (1) number Cable stayed or Extradosed bridge should be allowed.</p> <p>We Propose Proof Checking to be done by IIT.</p> <p>We propose designs and drawings shall be approved from the Authority's Engineer within 120 days (One twenty) from the Appointed Date. Kindly Consider</p> <p>Please confirm whether SV Loading has to be considered.</p>	<p>The design director should have successfully designed 01 no Extradosed/cable stayed bridge of Minimum 260 m single span and 02 nos bridge of Minimum 100m single span.</p> <p>As per RFP</p> <p>As per RFP</p> <p>Sv loading is not mandatory. (Special Vehicle-Turbine, Heavy Eqpt etc)</p>
<p>Request to share the Autocad files of the drawings and L-section at Bridge site</p> <p>Request to share the Autocad files of the drawings and L-section at Bridge site</p> <p>As the location of the bridge comes near the Very high damage risk Zone-B (V=50m/s), and Moderate Damage risk zone (V=44m/s), Please confirm the wind speed to be adopted in this region.</p> <p>It s discussed in the pre-bid meeting and we request you to confirm load intensity of electric wire to be considered for design.</p>	<p>As per RFP</p> <p>As per RFP</p> <p>Contractor to consider wind speed as per IRC/MoRT&H codes/ specifications/Guidelines.</p> <p>As per latest IRC & MORTH codes/specifications/ guidelines/circulars</p>

20		Please confirm bearing type mentioned in drawings is not mandatory and the Contractor is free to use any type of bearings like Elastomeric, POT PTFE or spherical etc. satisfying all codal provision and design conditions.	As per RFP
21		The Project is in Non corrosive area and we have not taken any special additional anti-corrosive treatment for steel.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
22		The Project is in Non Corrosive area and we have not taken any painting for the structure.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
23		Please note there is no possibility of footpaths being used for Live load in the future and we request you to confirm the same.	Yes Footpath will be replaced by live load for future provision.
24		Kindly provide Geotechnical Report (bore hole details, n- Value etc.) for extradosed bridge at CH 2+908 KM and major bridge t CH 2+590 KM	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation.
25		Please inform whether Congestion factor should be adopted for this project.	Not required.
26		Please confirm the seismic zone for this project.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
27		Please conform Exposure condition to be adopted for this project.	As per RFP & As per latest IRC & MORTH codes/specifications/ guidelines/circulars
28		The grade of concrete mentioned in GAD is suggestive and bidder may adopt grade of concrete as per design and applicable codal provisions.	As per RFP & As per latest IRC & MORTH codes/specifications/ guidelines/circulars
E			
1		Is the extradosed bridge mandatory with the spans mentioned therein? Can it be change to other suitable arrangements?	Bidder shall quote only for Extradosed bridge with the condition that Pier should be outside of the HFL.
2		Please confirm if any approaches have to be provided for either of the bridges as ROW is not available beyond the bridges.	As per RFP
3		Considering the complexity of the design & analysis can only be finalized once we receive your response to our pre-bid queries, we request you to extend the date of submission by 2 weeks.	Bid due date extended. Ps refer corrigendum
4		Please confirm that there are no scope for shifting of utilities in this contract.	As per site requirement.
5		Please furnish the Geo-Technical Report for both the bridges to assess the depth of foundation at pre-tendering stage.	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation
6		Is slope stabilisation inclusive in the scope of the contract?	As per RFP

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LTD

7		SV loading is not mentioned in the drawing or the documents pl clarify if SV loading is to be adopted.	SV loading is not mandatory. (Special Vehicle-Turbine, Heavy Eqpt etc)
8		Please confirm if the bidder can change the span arrangement of bridge.	As per RFP
9		Please confirm if the bidder can change the span arrangement of bridge.	Bidder shall quote only for Extradosed bridgewith the condition that Pier should be outside of the HFL.
10		Is waterproofing membrane to be applied, please specify?	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
F	M/S S.P.SINGLA CONSTRUCTIONS PVT. LTD.	In reference to the subject tender, we would like to mention that clause No.2.2.2.2 (iii) (b) regarding requirement of Tunnel project is given in the RFP document but no tunnel work is proposed for this project and this criteria is not applicable for this project. Hence, we request you to kindly clarify the same inform.	NO tunnel work.
G		Open Foundation is proposed at pier locations. Kindly provide bore log details and geotechnical investigation report to ascertain foundation details.	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation.
1		Kindly provide topographical survey in AutoCAD format	As per RFP
2		Box type abutment is proposed at abutment locations. Can we change type of abutment?	As per RFP
3		In schedule-B it is mentioned that all the new bridges shall be designed to carry utility services. Kindly clarify details of services required to be considered in the design.	As per ground requirement based on input from state authori
4		Since this is large span bridge in seismic zone-V, site specific seismic study is required. Please confirm if it is done and provide us report for the same.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
5		In Schedule D, Parallel Wire System (PWS) type stay cable is proposed. Can we use better alternate system like NPWS, LCS or ECF Strands?	As per latest IRC & MORTH codes/specifications/ guidelines/circulars
6		In schedule-B it is mentioned that the proposed width of the MJB (2+908) is 12m but in GAD it is 15m. Please Clarify.	The proposed width given in schedule-B is minimum functional width as per MoRTH circular dt.21 st October 2009. 15m width shown in GAD comprised is of 12m functional width and 3m width for structural requirements. The schedule B may be referred considering the aforesaid clarifications
7		We request department to confirm the vehicle load allowed on existing Mahatma Gandhi Bridge for movement during construction stage. Department to inform any restriction movement through this bridge for construction purpose.	Load classification of existing Br is class 12R
8	VIJAY M. MISTRY CONSTRUCTION PVT. LTD.	It is understood that the scope of contractor is from abutment to abutment for both the bridges are not in scope of contractor and will be executed by client departmentally. Please confirm.	As per RFP
9		We request department to share the departmental estimate for accurate assessment of Scope forming part of feasibility report.	As per RFP
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11		Department to confirm whether any land is identified by department for setting up casting yard and labour camp for this project and same can be issued on free of cost basis to contractor for this project?	No contractor, own arrangement.
12		Approved sources of Aggregate and Sand: Considering the remote location, national strategic importance of this project and expeditious completion required for this project, we request department to kindly provide details and contact of approved sources of aggregate and sand for this project.	No contractor, own arrangement.
13		Payment Schedule: Department has considered 14.4% weightage for foundations in the current payment schedule. Considering the cash flow requirement and high mobilisation cost involved in this project foundation should be allocated at least 30% weightage.	Breakup details of Payment schedule is attached.
14		Physical submission of documents (CL 2.12 and CI 2.13 of RFP): Considering the location of document submission in Pasighat we request department to give at least 10 days after bid submission date for hard copy submission at Pasighat- AP. Department may consider submission of hard copies in other more connected location (Delhi etc).	Within 7 days of Bid due date.
15		Extension of Bid Submission date: This cable stay bridge require extensive pretender engineering and detailed assessment. We require department to extend the tender submission by at least another 21 day.	Bid due date extended. Pls refer corrigendum.
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2	The Braithwaite Burn and Jessop Construction Company Limited	In view of limited no. such type of bridges designed indigenously in India, it may be a difficult proposition for a would-be Bidder to engage such Indian Design Expert in the project. Hence, we request to review the above requirement. Please confirm.	The design director should have successfully designed 01 no Extradosed/cable stayed bridge of Minimum 260 m single span and 02 nos bridge of Minimum 100m single span.
3		In view of the limited no such type of bridges designed indigenously in India, it may be a difficult proposition for a would-be-Bidder to engage such Indian Proof Consultant in the project. Hence, we request to review the above requirement. Please confirm.	As per RFP
4		In view of the limited time, etc we request to provide us the soil Investigation report for estimation purpose. We would appreciate if a copy of DPR is provided.	A preliminary soil investigation has been done based on soil condition at site. The bidder to carry out its own detailed soil investigation.
J		We will require more time for gathering more information, tie up with interested partners, etc so, we request to extend the due date of submission by 30 days from the current due date of submission. Please confirm.	Bid due date extended. Pls refer corrigendum.
1		Regarding scheme of bidder: As per Ref. Clause the bridge scheme of 386m (63m+260m+63 m) has been finalized. Please confirm whether this scheme of span arrangement and type of bridge is final or contractor have choice to change the scheme such as span arrangements and type of bridge to an Arch type bridge ensuring the main span length of at least 260m. In absence of clarification, we shall consider this scheme as tentative and open to change as per the contractor's decision.	Bidder shall quote only for Extradosed bridge with the condition that Pier should be outside of the HFL.

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Please confirm that the project location falls outside the snow bound area.	As per RFP
IRC SP 114 is not mentioned in the list of codes. Please include it.	As per RFP
As per CI 4.3.3 of FIB-89, PSC system individually polyethylene coated seven wire strands are not included. Refer to fig No. 4.1, a, b, c, of FIB-89 for details. Kindly update the specification. Moreover, as per Para No. 2.4 of Annex-II of Schedule D, galvanization has to be provided to enhance the protection. Kindly clarify how PE Coating and galvanization has to be provided to enhance the protection. Kindly clarify how PE Coating and galvanization would be given on the same wire.	As per latest IRC & MORTH codes/specifications/ guidelines/circulars

Stage of Payment	Percentage - Weightage	Payment Procedure
1		3
(2) Sub-structure	16.80%	<p>Sub-structure: Payment against sub-structure shall be made on pro-rata basis on completion of a stage i.e. not less than 25% of the scope of sub-structure of major bridge subject to completion of atleast two sub-structures of abutments/piers upto abutment/pier cap level of the major bridge.</p>

(3) Super-structure (including bearings)

65.20%

per following table:
Super-structure: Payment shall be made as

S.no of Item	Brief Description	Payment Stages	% of Total Contract Value
1	Slay Cable Work of Extradosse Bridge	After fixing as per approved methodology, Technical Specifications & passing tests on Materials for every 20% of Fixing with respect to total quantity	4.45
2	M-60 Grade Concrete work of Extradosse Bridge or its equivalent substitute as per Approved Design by the Authority	After completion of item, passing tests and acceptance by Authority for every 33% completion with respect to Total Quantity	4.35
3	Reinforcement Work Extradosse Bridge	After completion of item, passing tests and acceptance by Authority for every 33% completion with respect to Total Quantity	3.59
4	Pre-stressing Cable work Extradosse Bridge	After fixing as per approved methodology, Technical Specifications & passing tests on materials for every 50% of Fixing with respect to total quantity	2.35
5	Structural Steel Work	After 100% completion of item, passing test and acceptance by Authority	1.89
6	Bearing Work	After 100% completion of item, passing tests and acceptance by Authority	0.42
7	Balance Super Structure work	After 100% completion of items and acceptance by Authority	12.11

Appx 'A'

DISTRIBUTION FOR INFORMATION AND WIDE PUBLICITY

1	All India Tenders Information	Bureau, Post Box No. 25 (Post Office), Shastri Nagar, Jaipur (Rajasthan) - 302 016
2	Head Office of Builder Association of India, G-1/G-20 Commerce Centre, 7th Floor, J-Dodajee Road, Tardeo, Mumbai-400 034	E-mail: balhq@vsnl.net / balhq.mumbai@gmail.com
3	MES Builders Association of India, 807, Sahyog 58 Nehru Place, New Delhi-110 019	HQ DGBR / EPC
4	CPWD Contractor's Association, B-Wing, I.P. Bhawan, New Delhi-110 002	Seema Sadak Bhawan, Ring Road, Delhi Cantt.
5	The Chief Engineer, Eastern / Western Zone (PWD), Itanagar, Arunachal Pradesh-791 111	The Chief Engineer (Highways) East Zone, PWD AP, MOWB-II, Itanagar, Po:- Itanagar State- Arunachal Pradesh
6	HQ Chief Engineer AF Shillong Zone Military Engineer Services Elephant Falls Camp PO:- Nonglyer, Shillong 793009	The Chief Engineer, Department of Hydro Power Development, Vidyt Bhawan, Itanagar, Arunachal Pradesh
7	HQ ADBR(EAST), C/O 99 APO	The Chief Engineer, Public Works Department Fatasil Ambari, Guwahati, Assam
8	HQ CE (P), Sampark, C/o 56 APO	
9	HQ CE (P), Beacon, C/o 56 APO	
10	HQ CE (P), Vijayak, C/o 56 APO	
11	HQ CE (P), Himank, C/o 56 APO	
12	HQ STF (P), Hirak, C/o 56 APO	
13	HQ CE (P), Shivailik, C/o 56 APO	
14	HQ CE (P), Dantak, C/o 99 APO	
15	HQ CE (P), Swastik, C/o 99 APO	
16	HQ CE (P), Sewak, C/o 99 APO	
17	HQ CE (P), Chetak, C/o 56 APO	
18	HQ 761 BRTF, C/o 99 APO	
19	1443 BCC (GREF), C/O 99 APO	
20	1448 BCC (GREF), C/O 99 APO	
21	Shri Hem Kumar Pande, IAS (Retd) hempande@nic.in	
22	EDP Cell of HQ DGBR :- for uploading on BRO website	
23	Shri Anjan Kumar Banerjee, IAS & AS (Retd) anjan.banerjee@gov.in	
24	EDP Cell of HQ CE (P) Brahmanak :- for e-mail to all addressee	
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