



CAIR: CARS-03
Appendix 'D'

Contract for Acquisition of Research Services (CARS)

By signature of authority identified at (11) below, DRDO hereby contracts on the Research Service Provider identified at (3), the provision of the Research Services described at (6), within the time stated at (8), for payments at (9.2), and subject to other conditions overleaf, as follows:

1. Short title of Research Service to be provided: in response to: Node Mobility Techniques For Tactical IP Networks			Contract Number: CAIR/CARS-41 Date:	
2. RSQR Document Ref. No.: RSQR/2016/NWD/CARS-41	Date of Issue DD MM YY 23 03 2016	Issuing DRDO Lab/Estt/Project: CAIR, CV Raman Nagar Bangalore-560 093	Dates of CARS Amendments:	
3. Name of Research Service Provider (RSP) Dr. Chiranjeev Kumar, Indian School of Mines, Dhanbad			4. RSP's Offer Ref. ISM, DIHANBAD Date: 29 March 2016	
5. (a) This contract will require a formal amendment if the following key professionals are not available to RSP: Dr. Chiranjeev Kumar				
5. (b) RSP is authorised to engage these professionals as research consultants (names, institutes/companies): NIL				
6. Principal technical features of offer as related to RSQR 1. Survey, Analysis and comparisons of available node mobility techniques in Tactical networks with simulation. 2. Develop/customize a Node mobility technique based on above analysis which will work in the tactical operating environments and validation of proposed techniques using simulation.				
7. DRDO will make available the following DRDO-owned equipment to RSAP (Detailed in attachment B): NIL				
8. The technical performance of this contract shall be complete when RSP submits the Final Report before (date): T0+12 Month (T0 = Date of Sanction of Contract)				
9.1 Expenditure on items below shall not exceed sums shown against each				
a) Personnel				Rs. in Lakhs
b) Equipment				Rs. 3,00,000
c) Others (Maintenance + Expendables + Travel + Contingency + overhead)				Rs. 1,50,000
Above Expenditure includes Service Tax @14% and Swachh Bharat Cess @0.5%				Rs. 4,50,000
9.2 Schedule of payments (Rs. in lakhs)				Total: > Rs. 9,00,000
Initial advance			Date	Payment* Rs. in Lakhs
b) at Performance Milestone I of RSQR (in months)			T0	Rs. 2,50,000
c) at Performance Milestone II of RSQR (in months)			T0+3	Rs. 2,00,000
d) at Performance Milestone III of RSQR (in months)			T0+6	Rs. 1,75,000
e) at Performance Milestone IV of RSQR (in months)			T0+9	Rs. 1,50,000
f) On submission of Final Report (in months)			T0+12	Rs. 1,00,000
* Payments will be made within 45 days of receipt of contingent Bill by CAIR			T0+12	Rs. 25,000
			Total	Rs. 9,00,000
10. DRDO will deem this contract, including amendments thereto, to have been consummated when signed below by the authority of the academic institution (e.g. Registrar) competent to enter into this contract: [Sign over seal]			11. Signature of L/E/P Contract Administrator:	
Name: VISHNU PRITE Designation: Dean (Research & Development) Indian School of Mines Dhanbad-826004 For Director			Name: Dr. Dipti Deodhare, Sc 'G' Designation: Additional Director (Academics) Address: CAIR, DRDO Complex, CV Ramannagar, Bangalore Telephone: 080-25244288-4270 Fax: 080-25244298 Email: dipti@cair.drdo.in	