REQUEST FOR INFORMATION (RFI) FOR PROCUREMENT OF NINE MOBILE DISASTER RELIEF EQUIPMENT (MDRE) FOR INDIAN ARMED FORCES

- 1. The Ministry of Defence, Government of India, intends to procure <u>Nine</u> Mobile Disaster Relief Equipment (MDRE).
- 2. This Request for Information (RFI) consists of two parts as indicated below:
 - (a) Part I. The first part of the RFI incorporates operational characteristics and features that should be met by the MDRE. A few important technical parameters of the proposed MDRE are also mentioned.
 - (b) Part II. The second part of the RFI states the methodology of seeking response of Indian vendors. Submission of incomplete response format will render the vendor liable for rejection.

PART-I

- 3. The Intended Use of MDRE (Operational requirements). Indian Armed Forces are increasingly being called upon to be the first responder in times of disaster in India and abroad. Pre-fabricated Mobile Disaster Relief Equipment (MDRE) are intended to be procured to provide optimal care during disaster relief and combat operations with necessary medical or surgical intervention preferably within the first hour thereby practicing the 'Golden Hour' concept.
- 4. <u>Important Technical Parameters</u>. Important Technical Parameters are specified in the brief requirements placed at Appendix A of this document. The following details are to be submitted as a part of response:-
 - (a) The technical details should be factual, comprehensive and include specifications of the offered equipment against broad requirements listed in Appendix A of RFI. Any modification to the specification can be suggested by the Vendors with the suitable justification.
 - (b) The technical offer must enable detailed understanding of the functioning and characteristics of the MDRE as a whole and each sub system independently.
 - (c) Training of at least 4 teams at each site, consisting of 12 operators and 12 maintainers in each team, should be done by the vendors at the site of delivery for a period of 7 to 10 days.
 - (d) The MDRE should be in a packed condition for deployment in desert, plains and high rainfall area.
 - (e) Whether the Vendors would be able to comply with all provisions of DPP 2013. If not, Para/Clause of DPP 13 to be indicated with reasons.

- (f) Vendors may consider RFI as advance information to obtain requisite government clearances.
- (g) The equipment supplied by the vendor would be accepted subjected to evaluation and clearance by the Director General of Quality Assurance (DGQA).
- (h) The tentative delivery schedule for supply of the MDRE after conclusion of the contract.
- (j) Acceptability of terms of payment as per DPP 13.
- (k) All elements that need to be structured in the costing of the equipment system (training, maintenance, CAMC etc) to be provided. The tax component is to be included separately.
- (I) Whether the equipment is in use by any other Govt/non Govt agency within India. Is so, unit price and year of supply (without taxes) be furnished. The differences between these versions of equipment and equipment presently being offered may also be highlighted.
- 5. Vendors should confirm that following conditions are acceptable:-
 - (a) The solicitation of offers will be as per 'Single Stage-Two Bid System'. It would imply that a 'Request for Proposal' would be issued soliciting the technical and commercial offers together, but in two separate sealed envelopes. The validity of commercial offers would be at least 18 months from the last date of submitting of offers.
 - (b) The technical offers would be evaluated by a Technical Evaluation Committee (TEC) to check its compliance with RFP.
 - (c) The equipment of all TEC cleared vendors would be put through a trial evaluation in India on a 'No Cost No Commitment' basis. A staff evaluation would be carried out by IHQ MoD (N) to analyse the result of field evaluation and shortlist the equipment for introduction into service. The trial methodology will be as given at Appendix C to the RFI.
 - (d) Amongst the vendors cleared by TEC, a Contract Negotiations Committee would decide the lowest cost bidder (L1) and conclude the appropriate contract. Modalities of trials to be included.
 - (e) Vendors would be bound to provide product support for time period specified in RFP, which includes spares and maintenance tools/jigs/fixtures for field and component level repairs.
 - (f) The vendor would be required to accept the general conditions of contract given in the Standard Contract Document at Chapter V of DPP 2013 placed on www.mod.nic.in.

- (g) Integrity Pact(IP) (An integrity Pact (IP) would be signed between MoD and the bidders for schemes exceeding Rs 20 Cr, irrespective of the value of the commercial bids submitted by the bidders). The vendor will be required to sign and submit pre-contract Integrity Pact and deposit Rs 5 lakh (Rupee Five Lakh only.) as Integrity Pact bank guarantee.
- (h) <u>Performance-cum-Warranty Bond</u>. Performance-cum-Warranty Bond both equal to 5% each (Total 10%) value of the contract is required to be submitted after signing of contract.

PART-II

6. Procedure for Response.

- (a) Vendors must fill the form of response as given in Appendix B of RFI. Apart from filling details about company, details about the exact product meeting generic technical specifications should also be carefully filled. Additional literature on the product can also be attached with form.
- (b) The filled form should be dispatched to the under mentioned address:-

Principal Director Medical Services (P&M)
R.No. 138, 'A' Wing, Sena Bhawan
Integrated Headquarters
Ministry of Defence (Navy)
New Delhi- 110011
Fax : 2301 7487

(c) Last date of acceptance of filled form is 03 weeks from the date of hosting on MoD website

The vendors short listed for issue of RFP would be intimated.

- 7. The Government of India invites responses to this request only from Indian vendors. It may be noted that Technology partner of Indian Vendor, if any should not be debarred, banned, suspended or blacklisted by the Ministry of Defence. The end user of the equipment is the Indian Armed Forces.
- 8. This information is being issued with no financial commitment and the ministry of Defence reserves the right to change or vary any part thereof at any stage. The Government of India also reserves the right to withdraw it should it be so necessary at any stage. The acquisition process would be carried out under the provision of DPP 2013.

TECHNICAL PARAMETERS

- 1. These units/shelters should have the following parameters.
 - (a) The shelter should cater for a 10 bedded hospital including wards, OT, ICU, Laboratory, X-Ray and other supportive hospital functions inclusive of equipment fixtures and furniture.
 - (b) It should contain residential accommodation for 25 staff members inclusive of shower shelter system, toilet complex, dining areas and fixtures.
 - (c) Sea water and dust proof. The shelter should be usable in all weather and extreme temperature.
 - (d) The Disaster shelter should be in a packed condition for deployment. Development of the shelters should be simple. All tools, cables, pipes, pegs, strings bolts etc required for deployment of shelters should be provided with the unit. Deployment should be possible in deserts, plains or high rainfall areas.
 - (e) Capable of withstanding high speed winds upto 100 km/hr.
 - (f) Provision of heating, ventilation and air conditioning systems to provide comfortable environment working for patient care and functioning of medical team.
 - (g) Made of fire resistant synthetic material which is washable and easily disinfected.
 - (h) Self-contained uninterrupted Power supply by means four (04) in number 75 kVA and two (02) in number 30 kVA generators for running of the lifesaving Medical equipment like Ventilator, Pulse Oxymeter & defibrillator. Generators provided should be low noise, fuel efficient and diesel driven, easily maintainable and repairable in India. The generators should automatically change over from captive supply to main supply and vice versa.
 - (j) Easy to sterilize critical areas like OT, Post OP and ICU etc.
 - (k) Weight of the containers should be 5500 lbs or less, so that it can be lifted by Helicopter/fixed wing aircraft & should be possible to position on board ships, aircraft, helicopter and trucks with mechanical help like cranes.
 - (I) It should prevent accumulation of rain water and withstand moderate/heavy rainfall without leak.

- (m) It should have doors of sufficient opening and interior height with insulation material & equipped with fitting device for the connecting tunnel to other container and to the tents for allowing access and exit for the patients on wheeled bed/ stretcher/trestle.
- (n) It should have adequate numbers of windows with cover facility for blacking out.
- (p) Forklifts and lifting equipment is to be part of the package.
- (q) The shelters should have shelf life of minimum 10 years and they should withstand repeated deployment, packing and transportation (by air, road and sea).
- (r) The electrical supply at outlets should be 220 volts and appropriate sockets should be supplied so that medical equipment available in India can be utilized.
- (s) Water storage facility with distribution and dispensing system should be available with a capacity of 5000 ltrs. Water treatment facility and water distribution set up should be part of water supply system.
- (t) 10 No. of the beds should be available with hard backing as an option.
- (u) Training of at least 4 teams at each site, consisting of 12 operators and 12 maintainers in each team, should be done by the vendors at the site of delivery for a period of 7 to 10 days. The training will consist of an initial introduction and theory regarding the various parts of the entire package. Special attention will be given to understanding of the electrical equipment and machinery provided. Thereafter the seller will teach a team how to deploy the entire setup. The packing up of the items after deployment will also be demonstrated. All tables, charts, lists etc that are required will be provided as needed.
- (v) Maintenance of the shelters and equipment should be done in India.
- (w) Spares support should be available in India for 10 years.
- (x) There should be oxygen distribution facility setup for oxygen supply to all patient care areas.
- (y) Internal illumination should be able to provide adequate illumination at the farthest point. External illumination should be water proof electric light fitment, one above each entrance for providing external illumination at entry and exit doors. Portable OT lights (Qty-02) on wheel base stand should be provided having battery backup for at least 2 hours.

(z) These MDRE for disaster relief should be equipped with new generation rapidly deployable tent based shelters fitted with accessories like lighting, HVAC system and light weight folding furniture. Since these hospitals would generally be deployed under hostile environment conditions like floods, heavy rain fall etc, it is essential that the staff for the same should be provided with comfortable living conditions to maximize their output. This would give a tremendous boost to the morale of the troops working in a hostile environment and make significant improvement in their working efficiency.

2. FURNITURE

- (a) The Reception/Triage area should include the following furniture/equipment:-
 - Foldable examination couch 01
 - Doctor's table foldable 01
 - Folding Chairs 06
 - Patient's Stool 04
 - Resuscitation and detention bed 02
 - Dressing and dispensing table foldable 01
 - Locking Storage Cabinet 02
 - Washbasin with running hot/cold water 01
 - Stretcher on wheel folding 01
- (b) Pre-operative area:-
 - Bed side table
 - Patient Bed
 - Foldable storage cabinet
 - Foldable table
 - Shoe rack with shelves
- (b) Operating Room & CSSD:-
 - Operating Room Table 01
 - Foldable SS instrument trolley 01
 - Patient Litter with straps
 - Folding Table 01
 - Two (2) 4-tiered shelving Units
 - Locking Storage Cabinet
 - Trash Can 02
- (c) Intensive Care Unit
 - Four (4) Foldable hospital beds/ICU Beds

- (d) The Laboratory Section ward also includes the following furniture/Equipment:-
 - 06 in Nos Foldable ward beds (Hard Back-Board)
 - Two (2) Folding Tables
 - Folding Chairs
 - Two (2) 4-tiered Shelving units
 - Locking Storage Cabinets
 - Trash Can
 - Refrigerator 300 Ltrs
- (e) The Ward Section includes the following furniture/equipment:-
 - Hard Back-Board
 - Folding Table 06
 - Folding Chairs 02
 - 4-tiered Shelving units
 - Locking Storage Cabinets
 - Trash Can
- (f) Living Accommodation Unit
 - Pairs in Litter Stands 03
 - Hard Back-board
 - Folding Tables 04
 - Folding Chairs 06
 - 4-tiered Shelving units 04
 - Locking storage Cabinets 02
 - Trash Cans 02
 - Foldable Beds 25

3. WARRANTY

The MDRE should have two years warranty and 08 years CAMC:-

- (a) Final Guarantee/warranty will be two years from the date of successful inspection at Consignee's end. Guarantee/warranty will be comprehensive i.e inclusive of spare parts.
- (b) Response time after information will be a maximum of 48 hours.
- (c) Maximum time for repair/replacement will be five days.
- (d) Penalty for non-repairable/replacement beyond the permissible time i.e. five days will be @ 2% of the CAMC value.

- (e) During the period of warranty, comprehensive maintenance will be undertaken.
- (f) Personnel required to carry out the maintenance/repairs will be available in India.

INFORMATION PROFORMA (INDIAN VENDORS)

| l. Nan | ne of the Vendor/Com | ipany/Firm. | Valid till |
|---------------|--------------------------|------------------------|---------------------------------|
| | | A Natural Vane 1 | (Date & Veg) |
| (Company | profile, in brief, to be | attached) | |
| 2. Typ | e (Tick the relevant ca | ategory). | |
| Original E | quipment Manufacture | er (OEM) | Yes/No |
| Authorised | d Vendor of foreign Fire | m | Yes/No (attach details, if yes) |
| Others (gi | ve specific details) | | |
| | | | |
| | tact Details. | | |
| Postal Ad | | | |
| rostai Au | uress: | | |
| | | | |
| City : | Z FASSÓCHAM/CH | State: | Associations. |
| | | | erable Number |
| Fax : | | _ URL/Web Site: | |
| Loca | al Branch/Liaison Offi | ice in Delhi (if any). | |
| Name & A | ddress: | | |
| | Tel: | | x : |
| | ncial Details. | | |
| | | | |
| (a) | | | Scale): |
| (b) | Annual turnover: | | |
| (c) | | | |
| (d) | Details of manufactur | ring infrastructure: | |
| (e) | | Indian Ministry of D | |

| | (f) | Indigenous component of the product (in percentage): |
|---|--------|---|
| | (g) | Status (in service /design & development stage): |
| | (h) | Production capacity per annum: |
| | (j) | Countries/agencies where equipment supplied earlier (give details of quantity supplied): |
| | | |
| | (k) | Estimated price of the equipment |
| 1 | 0. Alt | ernatives for meeting the objectives of the equipment set forth in the RFI. |
| 1 | 1. Any | other relevant information: |
| | | laration. It is certified that the above information is true and any changes will be intimated e (05) working days of occurrence. |

(Authorised Signatory)

TRIAL METHODOLOGY

The trial methodology which would be followed for evaluation of the MDRE performance in respect of the technical specifications is tabulated below:

| Ser | Requirements as per Technical Specifications Defined at Appendix A | Trial Methodology |
|-----|---|-------------------------------|
| 1 | Accommodation. | Ingisti |
| | (a) The MDRE should cater for 10 bed hospital including triage/emergency area, OT, ICU, Laboratory, changing room and ward including functional areas and fixtures. | Demonstration & Documentation |
| | (b) The OT and ICU should be adjacent to each other including various electrical fittings. | Demonstration |
| | (c) It should contain residential accommodation for 25 staff members (3 officers, 2 senior sailors and 20 junior sailors) inclusive of wash rooms, dining areas and fixtures. | Documentation |
| | (d) Essential services such as HVAC systems, power generation, internal distribution and lighting for these shelters to be provided. | Documentation |
| | (e) There should be a provision of removable soft partition to divide the shelters into two or more sections as per requirements. | Documentation |
| | (f) The shelter should consist of a fully integrated, self-supporting Metal/composite frame and have both an inner and outer cover. It should be capable of operations using standard generators/commercial power source. | Documentation |
| | (g) Shelter for three Officers: Interior width not less than 13.6 feet and interior height not less than 8.8 ft. | Demonstration |
| | (h) Shelter for two Senior Sailors: Interior width not less than 13.6 feet and interior height not less than 8.8 ft. | Documentation |
| | (j) Shelter for twenty Junior Sailors: Interior width not less than 18 feet and interior height not less than 9.7 ft. | Demonstration & Documentation |

| (IRF) | (k) 4 Man shower shelter system (Size- 18 Ft x 18 Ft x 9 Ft) with 2.5 ton ECU Insulation, lighting, rigid flooring sink Basins, Portable shower stalls Supply/Sump pumps, fuel fired water heaters, hose systems 2000 Gallon water | Demonstration & Documentation |
|------------|--|-------------------------------------|
| SHU | Bladders & container and external Electrical Distribution system. (I) Toilet Complex | squa la la mapa ormance la respa |
| NO REC | (i) Interior width not less than 13.6 feet and interior height not less than 8.8 ft. (Qty-05). There should be portable toilets with privacy, disposal toilet bags, and storage. Transport container | Documentation |
| | (ii) The doors should have insulation material with opening surface of approximately 180x90 cm, equipped with fitting device for the connecting tunnel to other container and to the tents for allowing access and exit for the patients on wheeled bed/stretcher/trestle. | Documentation |
| | (iii) It should have windows with cover facility for blacking out. | Documentation |
| | (m) Forklifts and lifting equipment required is to be part of the package. | Documentation |
| no | (n) The shelters should have shelf life of minimum 10 years and they should withstand repeated deployment, packing and transportation (by air, road and sea) | Documentation |
| ño | (p) Water storage facility with distribution and dispensing system should be available with a capacity of 5000 Ltr. Water treatment facility and water distribution set up should be part of water supply system. | Documentation |
| | (q) 10 No. of the beds should be available with hard backing as an option. | Documentation |
| 2 | Environmental Conditions. {Heating, Ventilation & Air Conditioning (HVAC) System} | fran 13.6 |
| arc arc | (a) It should maintain an ambient temperature of 20-25 degree centigrade. There has to be a temperature variation even under extreme climatic conditions. It should have the facility to provide an integrated filtration system for dust, | Demonstration & Documentation |

| | sand etc. Provision for both heating and cooling should be in the HVAC unit. (b) Capable of withstanding high speed winds up to 100 km/hr. | Documentation |
|----|--|-------------------------------|
| 3 | Illumination. | |
| no | (a) Internal illumination should be adequate to provide about 100 lux illumination at the farthest point. External illumination should be waterproof electric light fitments, one above each entrance for providing external illumination at entry and exit doors. | Demonstration & Documentation |
| no | (b) Portable OT lights (Qty-02) on wheel base stand should be provided having battery backup for at least two hours. | Documentation |
| 4 | Oxygen Facility. There should be facility for oxygen facility provided to all patient care areas. | Documentation |
| 5 | Power Supply. (a) There will be self-contained uninterrupted Power supply through Diesel Generating set, from 4 No DG Set 75 kVA, 415 V, 3ph, 50 Hz and 2 No DG Set-30KVA, 415 V AC, 3 PH, 50 HZ. | Documentation |
| 6 | Material Characteristics | Linear A |
| | (a) Sea water and dust proof. Should be usable in all weather and extreme temperature. | Documentation |
| | (b) Should be simple and in a packed condition for deployment. All tools, cables, pipes, pegs, strings bolts etc required for deployment of shelters should be provided with unit. Deployment should be possible in dessert, plains and sea-beach or in high rainfall areas. It should be compatible with standard camouflage techniques. It should be designed for maximum interoperability and interconnectivity that encompasses the connection between shelters. | A 22 28 A 4 |
| | (c) Made up of fire resistant synthetic material and this should be easily washable and disinfected. | Documentation |
| | (d) Weight of the shelters should be 5500 lbs or less, so that it can be lifted by Helicopter for easy transportation to site. It should be possible to position the same on board ships, aircraft, helicopter and trucks with mechanical help | fo size of |

| - 90 | like cranes. Also, facility to be transported as under slung load by Helicopter should be available. (e) It should prevent accumulation of rain water and withstand, without leak, moderate rainfall. | Documentation |
|------|---|-------------------------------|
| 7 | Space Availability. | 1275 51 1151 1151 1151 |
| | (a) Reception/Triage area: Interior width of not less than 18 feet and interior height not less than 9.7 ft. | Documentation |
| | (b) Pre operative area: Interior width of not less than 18ft x 18 ft and interior height of up to 9.7 ft. | Documentation |
| | (c) Operation Theatre: Interior width of not less than 18ft and interior height not less than 9.7 ft. An attached sterilization unit should have a shelter with interior width of not less than 13.6 feet and interior height not less than 9.7 ft. | Demonstration & Documentation |
| | (d) <u>ICU & Ward</u> : Interior width of not less than 18 feet and interior height not less than 9.7 ft. | Documentation |
| | (e) <u>Laboratory & Changing Room</u> : Interior width of not less than 13.6 feet and interior height not less than 9.7 ft. | Documentation |
| | (f) <u>Central Sterile Stores Department (CSSD)</u> : Interior width of not less than 13.6 ft x 13.6 ft and interior height of up to 9.7 ft. | Documentation |
| 8 | Special Features. | on8 (d) Sho |
| | (i) Reception/Triage area | Documentation |
| | (a) Foldable Examination Couch with collapsible legs fitted with high-density foam mattress, 5 cm thick, covered with suitable waterproof and stain proof material. | |
| | (b) Doctors table (foldable) | |
| no | (c) Chair Foldable | |
| | (d) Patients Stool | ed bluoriz Demonstration |
| | | |

| | have provision for keeping the patient in propped up position and for raising the foot end. | (e) Fold |
|----|--|---------------------------|
| | (f) Dressing and dispensing table for paramedics (foldable). | (f) Stora 60 cm v |
| | (g) Counter for diagnostic station with acid proof top with attached washbasin and running water facility. | (g) Folds |
| no | (h) Storage cabinet for expendable and non-expendable medical stores. | reneint (vi) |
| | (j) Wash basin with running hot/cold water. | A exists to number |
| | (k) Stretcher on wheel (foldable). | ong riista |
| 60 | (ii) Pre Operative Area | Documentation |
| | (a) Patient bed – Each bed approx. of 180 cm (L), 75 cm (W) and 75 cm (H) dimensions and also provision for keeping the patient in propped up position and for raising the foot end. | (a) Folc (b) Chai |
| | (b) Bed side table. | idi2 (5) Documentation |
| AO | (c) Cabinet for Storing emergency medicine and IV fluids, Type-(foldable). | basW (iv) |
| | (d) Foldable Table. | nsH (a) |
| | (e) Hooks on the wall for hanging IV fluid/blood bags. | isVV (d) |
| | (f) Hooks for hanging towels. | (c) Folo |
| | (g) Shoe rack with shelves with holding capacity of 10 pairs of shoes/OT slipper. | (d) Folo |
| | (iii) Operating Theatre (OT) and CSSD | Documentation |
| | (a) Patient Litter with Straps. | HEG VACULE |
| ne | (b) Four tiered shelving Units. | tviri Chanc |
| | (c) Trash Can. | ideT_(a) |
| | (d) Chair (foldable) canvas. | LI management |

| (e) Foldable table about 120 cm x 75 cm. | org even Locitises Securements |
|--|--|
| (f) Storage cabinets with shelves of size 60 cm deep with 60 cm vertical gap between shelves. The size of the | (Q (i) Inidebio) |
| cabinet approx. 180 cm with 3 shelves. (g) Foldable instrument trolley of stainless steel. | (g) Con |
| (iv) Intensive Care Unit (ICU) and Post-Operative Care | Documentation |
| (a) Hospital bed – Each bed foldable with collapsible legs of size 180 cm (L), 75 cm (W) and 75 cm (H). It is provided with high density foam mattress covered with water and stain proof material. There is provision for propped up position for raising foot end. | iasW (i) Demonstration (k) Sinstration |
| (v) Nursing Station. | Documentation |
| (a) Foldable Table. | Brigues (a) |
| (b) Chair (Foldable) Canvas. | e foot enti Occumentation |
| (c) Storage cabinets for the storing of essential drugs, consumables and medical equipment. | s beS (d) |
| (vi) Ward section. | Documentation |
| (a) Hard Back-Board | (d) Folds |
| (b) Ward Beds | tooH (a) Documentation |
| (c) Folding Poly Table | ploorf (f) |
| (d) Folding Chairs | eorië (g) s to erisa |
| (e) 4- tiered Shelving Units | tsrenO (lili) |
| (f) Transport/Storage container | alte9 (8) |
| (g) Patient litters with straps | apo3 (d) |
| (vii) Changing Room | Documentation |
| (a) Table folding of size 60 cm (W) x 60 cm (L) x 90 cm (H). | (a) Chair |
| | |

| The second secon | RED FOR CLES |
|--|----------------------------------|
| (b) Cabinets for storing. Size 90 cm (W) x 120 cm (H). The cabinet to have four adjustable shelves of 45 cms depth. | ocure <u>Mine</u> Mobile |
| (c) Chair (foldable) canvas | |
| (d) Table folding type of size 60 cms (W) x 90 cm (L) x 90 cm (H). | dicated below alea operations |
| (e) Patient Stool canvas. | A few important |
| (viii) <u>Laboratory</u> | Documentation |
| (a) Table top counter 90 cm above the floor and 60 cm wide to have an acid and chemical resistant material. | inplete assponse |
| (b) Chair (foldable) canvas | |
| (c) Patient Stool | Indian Armed |
| (d) Refrigerator (300 Ltr) | Mef Equipment |
| (ix) Living Accommodation Unit: | Documentation |
| (a) Three Pairs in Litter Stands | |
| (b) Hard Back-Board | document. The |
| (c) Portable Sink | |
| (d) Folding Tables | restories lietes in |
| (e) Folding Chair Canvas | R. SUDGESTED by |
| (f) Four tiered Shelving units | landing of the |
| (g) Locking storage Cabinets | SCR ESD SARREIT |
| (h) Trash Cans | 2 operators and |
| (j) Foldable beds. | s at the significant |

<u>Note</u>:- Minimum 30% indigenous content is to be ensured during FET in accordance with Para 4(a) of DPP-13.