



CALL FOR EXPRESSION OF INTEREST FOR THE PROVISION OF COMPLETE FACILITIES SERVICES FOR THE RECEPTION OF SOLID WASTE AND CARGO RESIDUES OF SHIPS APPROACHING PPA PORT ZONE BY USE OF A LICENSED INTERGRATED WASTE MANAGEMENT INSTALLATION

IN ACCORDANCE WITH THE PROVISIONS OF THE CONCESSION AGREEMENT BETWEEN THE HELLENIC REPUBLIC (HR) AND PIRAEUS PORT AUTHORITY SA (PPA S.A), REGARDING THE USE AND EXPLOITATION OF CERTAIN AREAS AND ASSETS WITHIN THE PORT OF PIRAEUS

Piraeus, Greece

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PPA S.A. Call for Expression of Interest for the provision of Complete Facilities Services for the reception of solid waste and cargo residues of ships approaching PPA Port Zone by use of a licensed integrated management Installation

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DEFINITIONS

For the purposes of understanding the terms of this Call for Interest, definitions of the following terms are given herein below:

- a) “2016 HRCA”: The Concession Agreement between the Hellenic Republic and PPA, which was signed by the parties on 29/6/2016 and ratified by law 4404/2016 (Government Gazette A’ 126/8.7.2016);
- b) “Affiliate”: as it is defined in the Greek Company Law 2190/20;
- c) “Anchorage”: defined marine area close to a port, which lies beyond the port competence area, where the short-term or long-term anchoring and the conduction of supplementation acts are allowed;
- d) “Authorized Representative”: a legal representative of the Candidate (according to the Candidates statutes/bylaws) thereof or a specifically authorised representative (by a decision issued by the Candidate’s competent body), as the case may be, who has the power to bind the Candidate and also has the authority to sign and submit the Candidate’s Offer;
- e) “Binding Declaration”: refers to the Binding Declaration as per Law 1599/1986 or in the case of a foreign Candidate a text of analogous form of evidence, in accordance with the provisions of the country of provenance thereof, signed by the Authorized Representative. In all cases where there is a reference to the term “Binding Declaration”, it is intended that such is effected by certification of the original signature of the signatory;
- f) “Call”: the said document, which envisages the terms and the conditions for the participation in the Tender, as well as the requirements for the provision of the Complete Services by the awarded Concessionaire, along with Annexes A to C, as well as with any clarifications that will be provided during the Tender;
- g) “Call for the Submission of Financial Offer”: the call for the submission of binding financial offers, which will be addressed by PPA to the pre-selected Candidates, according to the provisions of article 2.2.2.2.
- h) “Candidate”: The natural persons or legal entities/companies participating in the Tender by submitting an Offer;
- i) “Cargo residues”: the solid residues of any cargo material, which remain on the ship in the cargo areas or tanks after the completion of

unloading procedures and the cleaning operations, including the excesses and spillage during loading and unloading;

- j) “Central Protocol”: The office of PPA’s central protocol located at PPA’s premises at 10, Akti Miaouli, Piraeus, Greece;
- k) “Complete Services” or “Complete Facilities Services”: The provision of complete facilities services for the reception of solid waste and cargo residues of ships approaching PPA Port Zone by use of an integrated waste management Installation, as described in article 3, as well as of ships approaching or/and remaining at and in vicinity of Piraeus anchorage area, and, particularly, the services of collection, transportation, interim management (storage and/or processing) and final disposal of solid waste and cargo residues in an environmentally proper manner;
- l) “Construction Guarantee” has the meaning set out in para b. of Important Note 2;
- m) “Contracting Authority”: is the Piraeus Port Authority S.A.;
- n) “Eligible Bank”: means a bank or credit institution that is lawfully established and operating: (i) in a jurisdiction that is an EU, EEA, OECD or FATF member state or member country; or (ii) in another jurisdiction that has a long-term debt rating of A- (or equivalent) or superior by at least two of Standard & Poor's, Fitch or Moody's;
- o) “Equipment”: the minimum mechanical or/and any other equipment of any nature and the on-shore and off-shore means the Sub-concessionaire shall have at its disposal for the provision of the Complete Services, according to the terms and the specifications of this Call and the Sub-concession Agreement;
- p) “Tender Committee or Committee”: is the committee awarded with the authority to unseal and evaluate the Offers;
- q) “Financial Offer”: has the meaning of para. 2.2.2.2;
- r) “Financial Plan”: The plan, which includes the following: a) The Business Plan and b) The Finance Plan;
- s) “Fishing vessels”: every ship equipped or commercially used for catching fish or other living marine resources;
- t) “Folder of Offer”: has the meaning of para. 10.2;
- u) “Guarantee Amount”: has the meaning of para 9.1.4.1;

- v) “Hazardous waste management Installation”: a land-based management unit for hazardous waste, which shall be at the Sub-concessionaire’s disposal from the Sub-concession Entry into Force Date until the expiration of the sub-concession period and which shall operate legally, according to the terms and specifications of this Call and the Sub-concession Agreement;
- w) “Installation Period”: the period following the expiration of the Transition Period up to the expiration of the Sub-concession Agreement duration;
- x) “Interested Parties”: natural persons or legal entities/companies that have an interest to submit a binding Offer;
- y) “Machinery”: the minimum permanent equipment the Sub-concessionaire shall have at its disposal for the provision of the Complete Services, according to the terms and the specifications of this Call and the Sub-concession Agreement;
- z) “Non-hazardous solid waste management installation”: the non-hazardous solid waste land-based unit, according to ANNEX V of International Convention Marpol 73/78, as defined in para. 3.2.1 (c), which shall be set in full operation by the Sub-concessionaire, according to the terms and the specifications of the Call and the Sub-concession Agreement;
- aa) “Offer”: The offer to be submitted by the Candidates in the frame of this Tender and/or the main folder of the offer which includes two sub-folders: (i) the Participation Supporting Documentation, (ii) the Technical Proposal;
- bb) “Performance Guarantee”: has the meaning set out in para. a. of Important Note 2;
- cc) “PPA”: The societe anonyme under the corporate name “Piraeus Port Authority S.A.”;
- dd) “PPA Port Zone”: the land and sea area of the Port of Piraeus, as defined in the special topographic diagram drafted in the 2016 HRCA;
- ee) “Port reception facilities”: land-based, floating or mobile unit capable of receiving and managing ship-generated waste or cargo residues;
- ff) “Recreational crafts”: every type of ship used for sports or leisure purposes;
- gg) “Recyclable waste management sorting Centre”: the recycable non-hazardous solid waste sorting, temporary storage, packaging and

recycling land-based unit, which shall be at the Sub-concessionaire's disposal from the Sub-concession Entry into Force Date and which shall operate legally, according to the terms and specifications of this Call and the Sub-concession Agreement;

- hh) "Required licenses": all the licenses that shall be held by the Sub-concessionaire for the entire duration of the Sub-concession Agreement, according to the legislation that governs the provision of the Complete Services as well as the construction-operation of the Installations;
- ii) "Ship": the vessel of any type operating in the marine environment, including the hydrofoils, air-cushion vehicles, submersible vessels and floating crafts;
- jj) "Ship-generated Waste Management Plan": The ship-generated waste and cargo residues reception and management plan, which is drafted and approved according to article 5 of Common Ministerial Decision 8111.1/41/2009;
- kk) "Ship-generated solid waste": all the solid waste and residues except cargo residues, which are generated during the operation, as well as the repair-maintenance of a ship and fall within the scope of Annexes I, II, III, V and VI of International Convention Marpol 73/78, as well as cargo-related garbage, as defined in the application guidelines for Annex V of International Convention Marpol 73/78;
- ll) "Sub-concessionaire": the legal entity or any person to whom the provision of Complete Services for the reception of solid wastes and cargo residues of ships approaching PPA Port Zone will be awarded;
- mm) "Sub-concession Agreement": the written agreement between the Contracting Authority and the Sub-concessionaire to whom the provision of the Complete Services will be awarded;
- nn) "Sub-concession Entry into Force Date": The date which will be defined, upon signing the Sub-concession Agreement, as the date on which the provision of the Complete Services is to commence;
- oo) "Sub-contractor": has the meaning of para. 2.4.2;
- pp) "Technical Proposal": has the meaning of para.10.2.7;
- qq) "Temporary Sub-concessionaire": has the meaning of para. 2.2.2.3;
- rr) "Tender": the process described in this document;
- ss) "Tender Bank Guarantee": has the meaning of para. 9.1.4;

- tt) “Transition Period”: an up-to twenty-four (24) months period starting from the Sub-concession Entry into Force Date, at the end of which the Installation must be operational;
- uu) “Waste Transfer Station”: land-based unit for loading, unloading and temporary storage of non-hazardous solid waste in collective means.

Capitalised terms referring to the 2016 HRCA and not defined herein shall be used as defined in the 2016 HRCA.

1. IN GENERAL

1.1 Preamble

1.1.1 The port of Piraeus (Port of Piraeus) is the largest port in Greece, spanning a coastline length of more than twenty-four kilometres and expanding over an aggregate area exceeding five million square meters. The geographic location of the Port of Piraeus makes it a vital transportation, trade and supply, tourism and communications hub connecting the Greek islands with the mainland, as well as being an international centre of marine tourism and the commercial carriage of goods. The position of the Port of Piraeus is conducive to its operation both as a port for the wider area of Greece and for the Balkans and Black Sea countries.

1.1.2 The Port of Piraeus is situated at the intersection of sea routes linking the Mediterranean with Northern Europe and its geographic position (south of the 38th parallel) enables major line ships to access it without significant deviation from the far east trade routes. The Port of Piraeus hosts a complex and unique variety of activities, including: ferry/passenger shipping (it is the largest passenger port in Europe), servicing of all types of cargo, cruise, vessel repair activities, as well as the Port of Piraeus free zone (a control type I customs free zone) operating under applicable tax and customs legislation in the area currently designated pursuant to Decisions Δ18/7.8.2013 (Government Gazette B' 2038/22.8.2013) and Δ18/9.9.2013 (Government Gazette B' 2330/17.9.2013) of the Minister of Finance (Piraeus Free Zone).

1.2 The Piraeus Port Authority S.A. (PPA)

1.2.1 PPA is the legal entity entrusted with the administration and operation of the Port of Piraeus. It was established as a legal entity of public law by virtue of Law 4748/1930, which was restated by Compulsory Law 1559/1950 and ratified by Law 1630/1951, each as subsequently amended and supplemented. In 1999 PPA was transformed into a stock corporation (société anonyme).

1.2.2 In April 2016, following an open public tender process, the Hellenic Republic Asset Development Fund (HRADF), under its capacity as the major shareholder of PPA, and COSCO HK Ltd entered into a Shares Purchase Agreement (hereinafter: SPA) for the acquisition of the majority participation of 67% in the share capital of PPA. In August 2016 (hereinafter: Closing I day), after the satisfaction of certain conditions precedent, the SPA was effected by the execution of the transaction and the transfer of PPA's majority shares from HRADF to COSCO HK Ltd. On Closing I, PPA ceased to be a state-owned company and since that day it is a private-owned company.

1.3 The HRCA

1.3.1 Pursuant to the enabling provisions contained in the thirty-fifth article of Law 2932/2001 (Government Gazette A' 145/27.7.2001), the Hellenic Republic and PPA entered into a concession agreement on 13 February 2002 (2002 HRCA). In the 2002 HRCA, the Hellenic Republic granted PPA the exclusive right of use and exploitation of the land, buildings and infrastructure comprising the Port of Piraeus, for an initial term of forty years, and subject to further terms and conditions. Certain amendments to the 2002 Agreement, including the extension of the concession's term by ten years, were authorised on behalf of the Hellenic Republic by virtue of a joint ministerial decision on 19 November 2008 (Government Gazette B' 2372/21.11.2008). These amendments were agreed upon in an addendum to the 2002 Agreement executed between the Hellenic Republic and PPA on 18 November 2008 (the 2008 HRCA). The 2002 Agreement, as amended by the 2008 Addendum (together the Old Concession Agreement), was subsequently ratified by virtue of the first and third article of Law 3654/2008 (Government Gazette A' 57/3.4.2008).

1.3.2 Against the background of the upcoming Privatisation Process and as envisaged and permitted by the Old Concession Agreement (including, without limitation, article 15.1(iii) thereof), the HRADF addressed a formal invitation to PPA, dated 25 July 2014, inviting PPA to engage in negotiations with a view to agreeing on appropriate modifications to the Existing Concession Agreement, so as to align it with the anticipated transfer of a controlling interest in PPA to the preferred investor. The Hellenic Republic and PPA engaged in good faith negotiations (which included deliberations at the level of a preparatory joint committee constituted by representatives of PPA, the Ministry of Marine and Island Policy, the Ministry of Finance) as well as subsequent re-negotiations, resulting in the finalisation and conclusion of a new amendment of the Old Concession Agreement (hereinafter: the 2016 HRCA), which was finally signed by the parties on 29/6/2016 and ratified by law 4404/2016 (Government Gazette A' 126/8.7.2016).

2. THE TENDER

2.1 Contracting Authority

2.1.1 The Contracting Authority is PPA.

2.1.2 The address to which the offers are submitted is:

Piraeus Port Authority S.A.

Central Protocol

10, Akti Miaouli

185 38, Piraeus, Greece

2.2 The current process (hereinafter: the Tender)

2.2.1 According to article 11.2 (j) of 2016 HRCA, PPA is responsible for providing the Ancillary Service of vessel generated waste reception including without limitation sludge and waste oil reception, sewage disposal and garbage removal, as well as cargo residue reception and management, which may be awarded to third parties by Sub-Concession, in accordance with the terms set out in article 12 of 2016 HRCA.

In view of the aforementioned, the scope of the Tender shall be the entering of PPA into an Agreement with the Sub-concessionaire, under which the Sub-concessionaire will be assigned with the provision of Complete Facilities Services for the reception of solid waste and cargo residues of ships approaching PPA Port Zone according to article 11.2 (j) of HRCA 2016 by use of an integrated waste management Installation either under the Sub-concessionaire's ownership or under the Sub-concessionaire's cooperation.

2.2.2 The Tender will be conducted in two (2) phases as follows:

2.2.2.1 **1st Phase – Pre-selection:** In this phase, the Candidates will be called to prove their qualitative, technical and financial adequacy for the performance of the Complete Services. The pre-selection procedure will take place by use of the ON/OFF criteria set out in Article 9 and the pre-selected Candidates (after the announcement of their pre-selection) will be invited to the 2nd Phase in order to submit their Financial Offers.

More specifically, in this phase, the Committee will check the participation supporting documentation of the Candidates who have expressed their interest in accordance with the procedure and the deadline envisaged in article 2.5 herein. Subsequently, the Committee will draft the table of the pre-selected

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Candidates and the table of those not admitted to the 2nd Phase. The aforementioned will be announced by a relative notification letter to the Candidates.

It is noted that, besides the Financial Offers, the expression of interest is binding upon the Candidates and, therefore, the participation Bank Guarantee shall be submitted in the 1st Phase of this Tender.

- 2.2.2.2 **2nd Phase – Submission of Offer:** In this phase the pre-selected Candidates will be called (by the Call for Submission of Financial Offer) to submit their Financial Offers. The minimum percentage offered by the Candidates to PPA as concession fee is 22% and the Candidates will be called in the 2nd Phase to bid with that percentage as a starting point.
- 2.2.2.3 Subsequently the Committee will draft and submit for validation to the competent decision body of PPA its report including the Candidates ranking table on the basis of their Financial Offers from the lowest to the highest. The awarding decision which will be issued by the competent decision body of PPA will be announced to the first ranked Candidate, who will constitute, from that moment, the Temporary Sub-concessionaire, until the signing of the Sub-concession Agreement and the completion of the relative procedures, when he will become Sub-concessionaire. The result of the Tender will be announced to the other Candidates by a relative letter of PPA.
- 2.2.2.4 It is noted that, given that PPA is a private-owned company, the present Tender will not constitute a tender regulated by public laws for the awarding of a public agreement in any of the two Phases and that the Candidates' Offers review and evaluation procedure constitutes an internal procedure of PPA and will take place without the participation or the presence of the Candidates, who are not entitled to information or access to the submitted Offers or to the Committee's report.
- 2.2.3** This Call for Expression of Interest (hereinafter: the "Call) is available at the Procurement Department of PPA (10, Akti Miaouli, 185 38, Piraeus, Greece) during working days and hours. Therefore, Interested Parties may also receive (if they wish) a hard copy of the Call, until 7 days (included), prior to the expiry of the time limit for the submission of offers, from the above department.
- 2.2.4** Interested Parties may receive additional information or clarifications in relation to this Call until 6 days (included), prior to the expiry of the time limit for the submission of offers, by submitting questions in writing to the Technical Directorate of PPA by fax at +30 2104550187 or by e-mail at: procurement@olp.gr, solidwaste-tender@olp.gr. After the lapse of the above

time limit no other communication or request for clarification as to any terms of the Call may be acceptable. Written responses by PPA S.A. are notified to all Interested Parties until 2 days (included), prior to the expiry of the time limit for the submission of offers. Candidates are not allowed to refer to verbal responses or clarifications by PPA S.A.

2.2.5 The Offers must be submitted no later than 16:00 hours (Greece time) of Wednesday 29th November 2017, at the Central Protocol of the Contracting Authority at 10, Akti Miaouli, Piraeus. The competent department to provide further information in relation to the submission process is Procurement Department, tel: +30 210 45 50 186 fax: +30 210 4550187 e-mail: procurement@olp.gr. After the expiration of the aforementioned deadline, no folder will be accepted by PPA. The submission date of the pre-selected Candidates Financial Offers will be defined by the Call for the Submission of Financial Offer.

2.2.6 PPA, at its absolute discretion and without any penalty, has the right to cancel or repeat the Tender at any stage of the procedure and, in particular:

- a) due to irregular conduct, if such irregularity affects the outcome of the procedure;
- b) there was no adequate competition¹;
- c) if the outcome is justifiably deemed to be non-satisfactory;
- d) if there has been a change of needs in relation to the services to be awarded;
- e) if none of the Candidates submitted the required documents;
- f) the bids are obviously and clearly unsuitable.

2.2.7 PPA may also cancel the outcome of the Tender and resort to the procedure of negotiations, when there is an emergency cause, which is not due to PPA.

2.2.8 Since PPA is a private-owned company and due to the immense importance of the prompt and adequate provision of the Port Ancillary Service envisaged in article 11.2 (j) of 2016 HRCA, no objections in relation to the content of this Call (if submitted), that could unreasonably delay the process of selection of the Contractor, will be examined by PPA.

2.3 The pre-selection of the Candidates and the award criterion.

2.3.1 The pre-selection of the Candidates (in the 1st phase) will take place using the ON/OFF criteria as explicitly defined herein.

¹ Competition will be deemed to have been insufficient if the bids appear clearly unsuitable, or price-fixing arrangements have obviously been made.

2.3.2 The criterion for the award of the agreement shall be the highest offered percentage by a preselected Candidate (Temporary Sub-concessionaire) as concession fee to PPA, and which must not be less than the starting point of 22% of the amount (in €) of all issued invoices (concerning all the categories of solid waste and services) of the Sub Concessionaire according to the Issue of Fees and Charges for the provision of Waste Reception Facilities and the Regulation of Environmental Facilities Department Organisation and Operation Invoices and Fees.

2.4 The award of the Contract

2.4.1 The Temporary Sub-concessionaire shall be obliged to appear within the deadline set by PPA in order to sign the relevant contract.

2.4.2 PPA may also finally cancel the outcome of the tender, before the signing of the contract, when there is no need anymore of the specific services for any reason.

2.5 The Rejection of the Offers

Offers will be in principle rejected if:

- a) the Offer has been received after expiry of the deadline for submission of offers,
- b) the Offer does not fulfil the criteria, conditions and prerequisites set in this Call and in the manner described;
- c) the Offer contains significant provisos or restrictions or are valid under certain conditions not set out in the current;

2.6 The Legal framework of the Tender

2.6.1 The tendering procedure, as well as the Concession Agreement to be awarded, are governed by the provisions of this Call of Interest and supplementarily by:

- a) The 2016 HRCA
- b) The Regulation of Sub-concessions, as published in PPA' s website

2.6.2 Regarding the management of the ship generated and cargo residues the following are applicable:

- (a) L. 743/1977 (Gov. Gaz. A' 319) "about the protection of the marine environment and the regulation of related issues"
- (b) L. 855/1978 (Gov. Gaz. A' 235) "International Convention of Barcelona"

- (c) L. 1147/1981 (Gov. Gaz. A' 110) “about the validation of London Convention on the Prevention of Marine Pollution by Dumping of Wastes and Other Matter”
- (d) PD 68/1995 (Gov. Gaz. A' 48) “acceptance of amendments to the Annexes of the 1972 International Convention on Prevention of Marine Pollution”
- (e) L. 1269/1980 “validation of MARPOL 73/78 for the Prevention of Pollution from Ships, 1973 and the Protocol of 1978” (A' 89).
- (f) PD 167/1986 (Gov. Gaz. A' 63), 404/1986 (Gov. Gaz. A' 182), 417/1986 (Gov. Gaz. A' 182), 254/1989 (Gov. Gaz. A' 120), 288/1992 (Gov. Gaz. A' 127), 46/1993 (Gov. Gaz. A' 17), 361/1996 (Gov. Gaz. A' 233), 400/1996 (Gov. Gaz. A' 268), 54/1999 (Gov. Gaz. A' 53), 128/2000 (Gov. Gaz. A' 112), 206/2000 (Gov. Gaz. A' 186), 114/2006 (Gov. Gaz. A' 112), 27/2007 (Gov. Gaz. A' 19), 124/2010 (Gov. Gaz. A' 201), 14/2011 (Gov. Gaz. A' 29), 8/2013 (Gov. Gaz. A' 27) και 59/2013 (Gov. Gaz. A' 109) “accepting amendments to the Annex of the Protocol 1978 relating to the International MARPOL 73/78 Convention”.
- (g) CMD 2431.02/05 (Gov.Gaz. 331 B'), 2431.06.1/03/05 (Gov.Gaz B' 644), 2431.02.1/02/07 (Gov.Gaz. B' 197), 2431.02.1/05/2010 (Gov.Gaz. B' 1477), 531.4-3/2012 (Gov.Gaz. B' 186), 531.5-6/A.S. 3431/2012 (Gov.Gaz. B' 2936), 531.5-6/ A.S. 3432/2012 (Gov.Gaz. B' 2936), 531.5-5/2013/4.1.2013 (Gov.Gaz. B' 139), 531.5-6/2012/27.11.2012 (Gov.Gaz. B' 3266), 531.5-1/2013/3791/2013 (Gov.Gaz. B' 2609) and 531.5-1/2013/3792/2013 (Gov.Gaz. B' 2609) “accepting amendments to the MARPOL Annexes ”.
- (h) L. 1650/1986 “For the protection of the environment” (Gov. Gaz. A' 160), as amended and applicable.
- (i) PD 55/98 (Gov. Gaz.) A' 58) “Protection of the marine environment”
- (j) L. 4014/2011 (Gov. Gaz. A' 209) “Environmental licensing of projects and activities”
- (k) L. 4042/2012 (Gov. Gaz. A' 24) “penal protection of the environment - Waste management and production framework-Harmonization with the Directive 2008/98/EC ”
- (l) L. 4037/2012 (Gov. Gaz. A' 10) “Adaptation of the Greek legislation to the provisions of EU Directive 2005/35/EC of the European Parliament and of the Council of 7 September 2005 on ship-source pollution and on the introduction of penalties for infringements for pollution (L 255), which was amended by the Directive 2009/123/EC of the European Parliament and of the Council of 21 October 2009 (L280) and other provisions”
- (m) Directive 2000/59/EC of the European Parliament and of the Council of 27 November 2000 on port reception facilities for ship-generated waste and cargo residues - Commission declaration

- (n) Directive 2007/71/EC of 13 December 2007 amending Annex II of Directive 2000/59/EC of the European Parliament and the Council on port reception facilities for ship-generated waste and cargo residues
- (o) CMD 8111.1/41.09 (Gov. Gaz. B' 712) of the Ministers of Interior-of Economy and Finance-Development -of Environment, Physical Planning and Public Works-of Mercantile Marine, The Aegean and Island Policy "Measures and terms for port reception facilities for ship-generated waste and cargo residues in accordance with the provision of the Directive 2007/71/EC". Replacement of 3418/07/02 joint ministerial decision "Measures and terms for port reception facilities for ship-generated waste and cargo residues"
- (p) Directive 2002/59/EC of the European Parliament and of the Council of 27 November 2002 establishing a Community vessel traffic monitoring and information system and repealing Council Directive 93/75/EEC
- (q) PD 49/2005 (Gov. Gaz. A' 66), by which Directive 2002/59/EC was transferred, as amended and applicable
- (r) Directive 75/442/EEC about the solid waste, Directive 91/156/EEC for the amendment of Directive 75/442/EEC about the solid waste, Decision 96/350/EC of the Council 24 May 1996 for the adaptation of Annexes Ia and IIb of the Directive 75/442/ EEC etc and of the Decision 2000/532/EC of the Commission of 3 May 2000, for replacement of Decision 94/3/EC of the Council for the establishing a list of wastes pursuant to Article 1a of Council Directive 75/442/EEC and Decision 94/904/EC of the Council for the establishing a list of hazardous wastes pursuant to Article 1 par. 4 of Council Directive 91/689/EEC for the hazardous waste
- (s) Council Regulation (EEC) 259/93 and Regulation (EC) 1013/2006 on shipments of waste
- (t) Directive 94/62/EC "on packaging and packaging waste", as amended by the Regulation 1882/2003 (EC), Directive 2004/12/EC, Directive 2005/20/EC and Regulation 219/2009 (EC)
- (u) Directive 2008/68/EC of the European Parliament and of the Council of 24 September 2008 on the inland transport of dangerous goods
- (v) 35043/2524/2010 decision of Ministers of National Defense, Economy, Competitiveness and Shipping, of the Environment, Energy and Climate Change, of Education for life and Religious Affairs, of Infrastructure, Transport and Networks, of Citizen Protection (B' 1385) about the adaptation of Greek legislation to the provisions of Directive 2008/68/EC.
- (w) PD 405/96 (Gov. Gaz. A' 272) 'Regulation for loading, unloading, handling and residence of dangerous goods in ports and their transport by sea'
- (x) MD 181051/1090/82 (Gov. Gaz. B' 266) "Terms and conditions for the identification of ships and barges or floating shipyards in general used reception facilities for solid ship waste "

- (y) MD 3221/89 (Gov. Gaz. B'435) "Terms and conditions for licensing ships and floating yards used as reception facilities for sewage "
- (z) MD 3131/99 (Gov. Gaz. B' 12) "For the reception of chemical residues of ships'
- (aa) MD 114218/1997 (Gov. Gaz. B' 1016) "drafting a framework of specifications and general plans for waste management"
- (bb) L. 2939/01 (A' 179) "Packaging and alternative management of packaging and other products-Establishment of the NOAMPP and other provisions", as amended by L. 3854/2010 (Gov. Gaz. A' 94)
- (cc) PD 109/2004 (Gov. Gaz. A' 75) "Terms and conditions for the alternative management of used vehicle tires. Schedule for their alternative management"
- (dd) PD 115/2004 (Gov. Gaz. A' 80) "Terms , conditions for the alternative management of used batteries and accumulators"
- (ee) PD 116/2004 (Gov. Gaz. A' 81) "Terms and conditions for the alternative management of end of life vehicles, their used spare parts and their deactivated catalytic convertor"
- (ff) PD 117/2004 (Gov. Gaz. A' 82) "Terms, conditions and schedule for the alternative management of electrical and electronic equipment, in compliance with directive 2002/95..."
- (gg) PD 211/2006 (Gov. Gaz. A' 211) "Complementary implementing measures to the Regulation 1774/2002/EC of the European Parliament and the Council of 3 October 2002 laying down health rules concerning animal by-products not intended for human consumption "
- (hh) PD 11/02 (Gov. Gaz. A' 6) "National Emergency Plan for dealing with pollution incidents from oil and other harmful substances"
- (ii) CMD 37111/2021/2003 (Gov. Gaz. B' 139) "Determination of the way of information and participation of the public in the process of approval of environmental terms and projects and activities according to par 2 of art. 5 of Law 1650/86 as replaced with the paragraphs 2 and 3 of art. 3 of L. 3010/2002"
- (jj) CMD 50910/2727/2003 (Gov. Gaz. 1909/B'/2003) "Terms and conditions for the management of solid waste National and Regional Management Planning", as amended
- (kk) MD HP 29407/3508/2002 (Gov. Gaz. B; 1572) "Terms and conditions for the landfill of waste"
- (ll) MD 41624/2057/E103/2010 (Gov. Gaz. B' 1625) "Terms, conditions and schedule for the alternative management of waste batteries and accumulators, in compliance with the provisions of directives 2006/66/EC "on batteries and accumulators and waste batteries and accumulators and repealing Directive 91/157/EEC" and 2008/103/EC "amending Directive 2006/66/EC on batteries and accumulators and waste batteries and accumulators as regards placing

- batteries and accumulators on the market” of European Parliament and Council
- (mm)MD 146163/2012 (Gov. Gaz. B’ 1537) “Terms and conditions for the management of medical units waste”
- (nn)MD 36259/1757/E103/2010 (Gov. Gaz. B’ 1312) Terms, conditions and schedule for the alternative management of waste from excavations, construction and demolition (EQCD)
- (oo)MD 35043/2524/2010(Gov. Gaz. B’ 1385) Adaptation of the Greek Legislation to the provision of Directive 2008/68/EC of the European Parliament and the Council of 24 September 2008 on the inland transport of dangerous goods
- (pp)MD 122/30/2003 (Gov. Gaz. B’ 700) Approval of Regulation 34: Conditions and security measures for the reception of petroleum residues from ships
- (qq)PD 49/2005 (Gov. Gaz. A’ 66), by which Directive 2002/59/EC, as amended and applicable
- (rr) L. 3104/2003 (Gov. Gaz. A’ 28) “Ratification of the 1997 Protocol modifying the 1973 International Convention for the Prevention of Pollution from Ships, as amended by the 1978 Protocol relating thereto ”
- (ss) Art. 41 of par. 7 of L. 4256/2014 “tourist ships and other provisions (Gov. Gaz. A’ 92)”
- (tt) CMD 13588/725/2006 (Gov. Gaz. B’ 383)”Terms, conditions and limitations to the management of hazardous waste in compliance with the Directive 91/689...” as amended and applicable
- (uu)CMD 24944/1159/2006 (Gov. Gaz. B’ 791)”Approval of general technical specifications for the management of hazardous waste pursuant to article 5 (par. B) of JMD HP13588/725/2006...”
- (vv)CMD 8668/2007 (Gov. Gaz. B’ 287) “Approval of national management planning for hazardous wastes”
- (ww)MD DRD 37674 (Gov. Gaz. 2471/B/10-08-2016) “Amendment and codification of MD 1958/2012 - Classification of public and private projects and activities in categories and subcategories according to article 1 paragraph 4 of L. 4014/21.9.2011 (Gov. Gaz. 209/A/ 2011) as amended and applicable”
- (xx)MD 11014/703/Φ104/2003 “Procedure for preliminary environmental assessment (PPEA) and approval of environmental conditions (AEC in accordance with article 4 of L. 1650/86 as replaced by article 2 of L. 3010/2002 (B’ 332)”
- (yy)L. 3325/2005 (Gov. Gaz. A’ 68) “Establishment and operation of industrial-craft facilities in the context of sustainable development and other provisions”
- (zz) L. 2881/2001 (Gov. Gaz. A’ 16) on wreck removal issues and other provisions
- (aaa) L. 4150/2013 (Gov. Gaz. A’ 102) ‘Reorganization of the Ministry of Shipping and the Aegean and other provisions”

- (bbb) PD 8/2013 (Gov Gaz. 27/A/31-01-2013) “accepting amendments to Annex V of the 1978 Protocol relating to the International Convention for the Prevention of Pollution from Ships, 1973 (Revised Annex V of MARPOL 73/78 IC)”
- (ccc) L. 4256/2014 (Gov. Gaz. A’ 92) “Tourists ships and other provisions”
- (ddd) Decision 37/2004 of the Board of Directive of PPA SA on the approval of “Environmental Operation Regulation of PPA SA” (B’ 1389)
- (eee) Decision 227/05 of the Board of Directive of PPA SA (Gov. Gaz. B’ 896) and Decision 319/07 of the Board of Directive of PPA SA (Gov. Gaz. B’ 343) “Fees and Tariffs for port reception facilities of PPA SA competence ”
- (fff) Decision 200/22-7-2008 of the Board of Directive of PPA SA (Gov. Gaz. B’ 1616) “Reformation of the operation regulation of the Port reception facilities Office and revision of the invoice for the provision of port reception facilities”
- (ggg) 8136.16/01/09/28-07-2009, 8136.16/01/11-06-2011 and 8136.16/01/16/13-0-2014 permanent circulars of the General Secretary of Ports & Ports Policy of the Ministry of Mercantile Marine for the port facilities of ship generated and cargo residues
- (hhh) Decision 210/2009 of the Board of Directive of PPA SA on the approval of revision of the Organizing and Operating Regulation of the port reception facilities department (Gov. Gaz. B’ 606)
- (iii) Decision 3122.03-1.2/68586/16 (03-08-2013) of the Minister of Mercantile Marine and Island Policy, approving the Waste Management Plan from ships approaching the port facilities of PPA S.A.
- (jjj) Provisions of article 41 par. 7 (‘Port integration into a waste management plan’) of L. 4256/2014 “Tourists ships and other provisions”
- (kkk) 8136.16/01/16/13-02-2014 Permanent Circular of General Secretary of Ports, Ports Policy and Maritime Investment/Ministry of Maritime for the port facilities of ship generated and cargo residues-3rd (2013) with title:” Implementing provisions of JMD 811.1/41/2009 (Gov. Gaz. B’ 41/06-03-2009) on measures and conditions for port reception facilities for ship generated wastes and cargo residues” and addition of appendices with 1000.0/68210/16 (02-08-2016)
- (lll) Pr. No. 8220/99/14/09-05-2014 document of Ministry of Maritime/ General Secretary of Ports, Ports Policy and Maritime Investment on handling of reduced-value cargo
- (mmm) MD 3122.3-15/79639/16 (3085/B/28-09-2016) Amendment of the joint ministerial decision 8111.1/41/09 (Gov. Gaz. 412 B’) ‘Terms and conditions for the port reception facilities for ship generated waste and cargo residues in compliance with the provisions of Directive 2007/71/EC’
- (nnn) MD 43942/4026 (2992/B’/19-09-2016) Organization and Operation of the Electronic Waste register, according to the provision of article 42 of L. 4042/2012 (A’ 24), as applicable

(ooo) MD 43942/4026 (2992/B/19-09-2016) Organization and Operation of the Electronic Waste Register, according to the provisions of article 42 of L. 4042/201 (A' 24), as applicable.

(ppp) Decision 159/28.11.2014 (10) (69/B/16-01-2015) "Reduction of ship waste fees for ships passing through the sea anchorage of Piraeus"

2.7 Eligible Candidates

2.7.1 Eligible to participate in the Tender are natural persons and legal entities/companies, as well as consortiums and joint ventures, possessing the qualifications and satisfying the criteria set out in paras 9.1, 9.2 and 9.3 below. Regarding joint ventures, in case of awarding of the Sub-concession Agreement, its members may be required to form a separate legal entity with the participation of all members of the joint venture in the form of a special purpose vehicle (SPV).

2.7.2 Subcontracting is permitted only to one or more affiliated, to the Candidate, companies (hereinafter: Affiliate) as it is defined in the Greek Company Law 2190/20, and only in relation to a part of the Complete Services that will correspond, in total, up to 30% of the services requested herein. The Candidates intention to award a subcontracting contract for part of the Complete Services must be in accordance with the above conditions and must be declared, disclosed and described in the Candidates' Offer, as provided herein.

2.7.3 Lending technical and financial experience of the Candidates will only be evaluated if it derives from an Affiliate.

2.7.4 A Candidate's Sub-contractor and/or an Affiliate lending its experience to the Candidate should also satisfy the criteria of paras 9.1, 9.2 and 9.3 as if it was the Candidate itself and for this reason all similar documentation, evidencing satisfaction of the criteria, must be included in the Candidate's Offer as well as the necessary documentation proving the Sub-contractor's or the Affiliate's specific agreement to participate in this Tender.

3. THE SERVICES IN BRIEF

3.1 An overview of the services to be carried out

3.1.1 The Sub-concessionaire shall provide Complete Facilities Services for the reception of solid waste and cargo residues generated by ships approaching PPA Port Zone by use of an integrated waste management Installation either under the Sub-concessionaire’s ownership or under the Sub-concessionaire’s cooperation for a period of fifteen (15) years. The ship-generated waste and cargo residues management system shall be aligned with the Regulation of Solid Ship-generated Waste Reception Facilities of PPA and the Ship-generated Waste Management Plan, elaborated and implemented by PPA in line with the European Directive 2000/59/EC on port reception facilities for ship-generated waste and cargo residues, as embodied in Greek Legislation under Common Ministerial Decision 8111.1/41/2009 and according to the International Convention Marpol 73/78 for the Prevention of Pollution from Ships, as the aforementioned are applicable at any given moment.

3.2 A more detailed description of the services to be carried out by the Sub-concessionaire

3.2.1 More analytically, the Complete Services to be provided by the Sub-concessionaire shall consist in the following:

- a) The provision of Solid Ship-Generated Waste Management Complete Services. In particular, the Complete Services concern the exclusive execution of the required collection, transportation, intermediate management (storage and/or treatment) and final disposal operations of solid waste and ship cargo residues of all ships approaching the entire PPA Port Zone, in accordance with the Regulation of Solid Ship-generated Waste Reception Facilities of PPA and the Ship-generated Waste Management Plan², as applicable. More specifically, the Complete Services concern the exclusive execution of the collection and disposal operations of all solid waste generated by the operation, repair and maintenance of ships and are classified in accordance with the International Convention Marpol 73/78 as follows:

MARPOL ANNEX 73/78	Description of waste categories
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² All necessary information of the Ship-generated Waste Management Plan on services procedures and obligations of the involved parties -that have to be published according to Annex I of the CMD 8111.1/41/2009- are included in the published Regulation of Solid Ship-generated Waste Reception Facilities. The scope and the technical information of the Ship-generated Waste Management Plan have been embodied in the specifications of this Tender.

I	Oily waste Sludge and residues
II	Noxious liquid substances in bulk (categories X,Y & Z)
III	Harmful Substances Carried by Sea in packaged form
V	Garbage A. Plastics B. Food Wastes C. Domestic wastes (e.g. paper products, rags, glass, metal, bottles, crockery, etc.) D. Cooking Oil E. Incinerator ashes F. Operational wastes G. Animal carcass(es)
VI	Ozone depleting substances Residues from air emission cleaning systems

The Complete Services referred to in the preceding paragraph include the safe, uninterrupted, prompt and qualitative provision by the Sub-concessionaire of services to all ships, including fishing vessels and recreational crafts, irrespective of the flag they bear, which approach or/and operate in Piraeus Port and to the anchorage in vicinity of Piraeus Port jurisdiction as it is referenced in the 8136.16 /01/16 /13-02-2014 Permanent Circular GSPPPMI/MSA, except for warships, naval auxiliary or other ships owned or operated by the State and used only for government non-commercial services.

- b) The exclusive execution of the collection, immediate transportation outside the port area, pre-selection, management (storage or/and treatment) and final disposal of all the non-hazardous solid waste and cargo residues generated by the operation, repair and maintenance of ships.
- c) The provision of the aforementioned services by use of an integrated waste management Installation for non-hazardous waste either under the Sub-concessionaire's construction/ownership or under the Sub-concessionaire's cooperation that will be located outside but in vicinity with the Port area and under jurisdiction of Region of Attica, which will be consisted of :
 - Waste Transfer Station

- Pre-selection and treatment of waste unit
- Storage of special waste streams unit (Electronic and electrical equipment waste, cooking oil etc)
- Drying treatment unit for the non-hazardous waste
- Recyclable waste management sorting Center

The integrated installation has to be in full operation within the first two years of the activation of the Sub-concession Agreement.

For the period until the waste management Installation setting in full operation (up to 2 years from the activation of the Sub-concession Agreement) the services will be provided by the support of one or more Waste Transfer Stations under Sub-concessionaire's cooperation or ownership and recyclable waste management sorting Center under Sub-concessionaire's cooperation or ownership.

- d) The exclusive use of the Waste Transfer Station in the port area for unloading waste from collection barges to trucks in order to be immediately transported by road to the integrated waste management Installation or for final disposal in other appropriate installation per waste category.
- e) The exclusive execution of the collection, immediate transportation in facility/ies outside the Port area under Sub-concessionaire's cooperation or ownership, for storage, management and final disposal of hazardous waste. The installation has to be operated under appropriate license and has to satisfy at least the technical specifications of Annex C. The hazardous waste handling installation has to be in the disposal of the Sub-concessionaire starting from the activation until the end of the Sub-concession Agreement and the disposal will be under the ownership of the Sub-concessionaire or under cooperation agreement with the owner of the installation.
- f) The exclusive execution of the collection, immediate transportation in facility/ies outside the Port area under Contractor's cooperation or ownership, for storage, treatment and sorting of recyclable waste. The installation has to be operated under appropriate license and has to satisfy at least the technical specifications of Annex C. The recyclable waste management sorting Center has to be in the disposal of the Concessionaire starting from the activation of the contract until the setting in full operation of the integrated waste management Installation and no more than 24 months. The installation will be under the ownership of the Sub-concessionaire or under cooperation agreement with the owner of the Installation.
- g) The collection, transportation and final disposal in appropriate mode of the waste generated from cleaning works of the docks and installations of PPA

and that are correlated with services at the ships: overflows of the waste collective means (open skip containers, bins etc.), non-hazardous waste generated from cleaning works on the dry and floating docks of PPA etc.

- h) The receiving, transportation and final disposal in appropriate mode of the waste generated from the cleaning and pollution response works in the sea area.
- i) The exclusive execution of the collection, immediate transportation and final disposal of domestics (bio-degradable) residues by use of facility (landfill) outside the Port area under Sub-concessionaire's cooperation.
- j) The overall execution of the Complete Services by use of all the necessary floating and terrestrial means, as well as of any other means and equipment for the operation of the Complete Services, as listed in Annex B of this Call, as well as of all the required and foreseen by the legislation in force licenses for the reception and management of solid waste, the operation of the installations, the operation of means and equipment and with the necessary, scientific and non, personnel for the safe, uninterrupted, rapid and qualitative provision of ship-generated waste and cargo residues reception facilities services according to the legislation, which are recorded as minimum requirements and specifications in Annex B of this Call.

3.2.2 It is noted that since 2004 PPA applies for all the port activities environmental management certified according to the European System (PERS) (Port Environmental Review System), of the European Sea Ports Organization (ESPO) while it is part of the European Sea Port Network with "Ecoports status" (www.ecoports.com). At the same time, as of 2013, it applies a Quality Management & Environmental Management System (QSMESS) to the provision of Cruise Services at the Central (Passenger) Port of Piraeus and Car Terminals in accordance with the requirements of the International Quality and Environment Standards, ISO 9001:2008 and ISO 14001:2004, certified by Lloyd's Register. Within the framework of the implementation of these Systems, PPA has adopted a specific Quality and Environment Policy, while at the same time constantly sets Quality and Environment Goals for the continuous improvement of the System. Candidates are invited to be informed of the Quality & Environment Policy and the Quality & Environment Goals through the official website of the PPA (<http://www.olp.gr/el/cruise-greece/quality-and-environment> & (<http://www.olp.gr/en/nature-protection/nature-management-system>).

3.3 *Description of CAPEX estimation*

3.3.1 The Interest Parties should consider that Capital Expenditure (CAPEX) of a similar integrated waste management Installation has been estimated by PPA approximately at 11.800.000 euros (€).

3.3.2 The amount mentioned in the preceding paragraph shall cover the following:

- a) Construction (in case the Sub-concessionaire undertakes the obligation to construct a New Installation)
- b) Waste collection equipment and means
- c) Machinery

4. TIME – FRAME OF THE AGREEMENT

4.1 Duration of the Agreement

4.1.1 The contractual duration of the Sub-concession Period is defined in this Call at fifteen (15) years starting from the Sub-concession Entry into Force Date.

4.1.2 If special circumstances prevent the conclusion of a new Sub-concession Agreement, the duration of the Sub-concession Agreement may be extended for as long as these circumstances are in force, in each case at PPA's absolute discretion. The terms and conditions for such an extension shall be defined and agreed by the Sub-concession Agreement awarded by the present process.

4.2 Further relative provisions

4.2.1 The non-hazardous solid waste management Installation must be available and provided in a full operational and licensed state according to the provisions of this Call within a period not exceeding twenty-four (24) months (Transition Period) from the Sub-concession Entry into Force Date. In case the Sub-concessionaire shall not meet the above deadline, PPA will have the right, but will not be obliged to, terminate the Sub-concession Agreement and/or forfeit both the Performance Guarantee Letter and the Construction Guarantee letter.

4.2.2 During the Transition Period, the Services will be provided by the Sub-concessionaire in accordance with the terms of Annex C hereto and the relevant provisions of the Sub-concession Agreement.

4.2.3 From the Entry into Force of the Sub-concession until the end of the Sub-concession period, the Sub-concessionaire is required to have at its disposal a legally licensed and operating hazardous waste management Installation as defined in article 3.2.1(c)

5. FEES & CHARGES – CONSIDERATION

5.1 Levy of fees and charges – Fees and charges in force

- 5.1.1** According to the legislation in force, the height of the fees should encourage the delivery of ship-generated waste and cargo residues instead of being discharged into the sea as well as operate contributory for the cost coverage of the port reception facilities.
- 5.1.2** The fees for the use of the port reception facilities and the charges for the provision of solid waste and cargo residues reception facilities services are defined by PPA, in accordance with the provisions of 2016 HRCA.
- 5.1.3** The solid ship-generated waste fees and charges policy for the provision of port reception facilities in force, as well as their specific amounts thereof, are set out in the Issue of Fees and Charges for the provision of Waste Reception Facilities and the Regulation of Environmental Facilities Department Organisation and Operation. The aforementioned documents are available as published on PPA’s website.
- 5.1.4** The Sub-concessionaire is obliged to fully comply with the PPA fees and charges policy in force throughout the duration of the Concession Agreement as it is formed in accordance with the procedures set out in the Regulation of Environmental Facilities Department Organization and Operation, as it is in force at any time.
- 5.1.5** New categories of ship generated waste due to new ship technologies or new regulations and legislation could be embodied into the Issue of fees and charges following a specific procedure and under PPA’s sole discretion and approval.
- 5.1.6** The applied charges of the hazardous waste sludge that are generated by tank washing and cleaning works and they are sorted as operational waste will be determined according to the foreseen in the Issues of Charge and Fees and after the implementation of a specific procedure between the three involved parties (Ship-PPA-Contractor) that will be established providing incentive for the enhancement of delivery.

Regarding the categories of the hazardous waste that are out of the scope of the Tender they will be managed by case of specific ship requests under PPA’s sole discretion and approval.

- 5.1.7** PPA keeps the right in the framework of covering administrative and operational expenses to reform, at any time, the sharing percentage of the fees, provided that they do not include any provision of waste delivery service by the Sub-concessionaire from the ships.
- 5.1.8** The services described in para. 3.2.1. (g), shall be provided by the Sub-concessionaire without PPA's extra cost.

5.2 *Revision of fees and charges*

- 5.2.1** The fees and charges validity is annual and their height is adjusted on 1st January of each year in accordance with the annual inflation, based on the 12-month average Consumer Price Index.
- 5.2.2** During the Transition Period, the fees and tariffs will be valid as readjusted according to the formula envisaged in the Issue of Fees and Charges for the provision of Waste Reception Facilities, as published on PPA's website.
- 5.2.3** Twenty four (24) months following the Sub-concession Entry into Force Date, the fees and charges will be valid as readjusted according to the formula approved by PPA's competent body and shall be in line with the market values and the relative legislation.

5.3 *Collection and attribution of fees and charges*

- 5.3.1** The collection and attribution of fees and charges will take place according to the relevant provisions of the Issue of Fees and Charges for the provision of Waste Reception Facilities, as published on PPA's website, as in force at any time.

6. FINANCING

6.1 General

6.1.1 The financing of the Complete Services is borne solely by the Sub-concessionaire, who must ensure all the required own and/or loan capital, explicitly excluding any economical, commercial, financial or/and of any other nature relevant guarantee or obligation of the PPA to the Sub-concessionaire.

6.1.2 The financing shall be achieved in such a manner, so as it is available prior and regardless of the awarding of the Sub-concession Agreement and until the end of the Sub-concession Period.

6.2 A more detailed description of the Sub-concessionaire's financing obligations

6.2.1 The Sub-concessionaire will undertake the obligation and the risks of financing the Complete Services. More specifically, the Sub-concessionaire will undertake to ensure all the required funds and guarantees, which should be sufficient to cover the total financial needs of the Complete Services and indicatively:

- (a) to cover the cost of ownership or for ensuring the cooperation with a non-hazardous waste management Installation, the cost of ownership or for ensuring the cooperation with a recyclable waste management sorting Centre, the cost of ownership or for ensuring the cooperation with a Waste Transfer Station, as well as the cost and the operation and insurance expenses of the aforementioned Installations;
- (b) to cover the cost of ownership or for ensuring the cooperation with a hazardous waste management Installation;
- (c) to cover the cost of the necessary equipment and means (floating and terrestrial) and their cost of maintenance and operation;
- (d) to cover the costs and all expenses for the provision of the Complete Services, including the servicing of the funded financing, the provision of any additional funds required for the operational needs (such as, for example, working capital, financing of replacement/renewal of equipment, running and maintenance costs, etc).

6.2.2 Under the above obligations, the Sub-concessionaire will assume any risk that may arise from changes in inflation rates and exchange rates and any other element that may affect its financial situation throughout the duration of the



Sub-concession Agreement, without granting any right to compensation or claim to revise the contract against PPA.

7. RISKS

7.1 Operational risk

7.1.1 In addition to the risks associated with the study, construction, financing, operation, maintenance and exploitation of the Complete Services, the Candidates are invited with their Offer to fully assume the operational financial risk of the Complete Services, i.e. all revenue risks and any change of the organizational, operational or regulatory environment in ports or/and in markets that relate to or interact with the subject of the project, assessing under their responsibility all relevant parameters such as the vessels traffic, the change of ship technology by category, PPA's contractual rights and obligations under 2016 HRCA and any other variable under the Sub-concession Agreement.

7.1.2 Throughout the Offer submission period up to the expiration date of the Sub-concession period, the Sub-concessionaire will bear any risk from the exploitation of the Complete Services.

7.2 Risk allocation

7.2.1 All issues regarding risk allocation between PPA and the Sub-concessionaire will be regulated in the Sub-concession Agreement.

8. INFORMATION - OBLIGATION TO KNOW THE TERMS AND CONDITIONS FOR THE PERFORMANCE OF THE SERVICES AND THE AGREEMENT

8.1 Issues, conditions and information regarding the Services

8.1.1 The Candidates must investigate and assess the issues, conditions, information and anything that may in any way affect the Services, including but not limited to:

- a) the Service's Performance Area and the Port Area of PPA;
- b) the international and Greek market of labour, materials, mechanical equipment, the maritime transport status, as well as the conditions of reception and management of solid waste and cargo residues;
- c) the situation of the property market in the area of the Installation;
- d) all licenses, approvals, certificates, consultations and authorizations (statutory or otherwise) required to fulfil any of the Sub-concessionaire's obligations under the Sub-concession Agreement, whether required to comply with the applicable law or as a result of the rights of any third party;
- e) all available data and information from relevant bodies and organizations related to the Complete Services (eg PPC, Hellenic Telecommunications Organization, local authorities, Ministry of Culture, Archaeological Service etc.);
- f) the current legislation (Greek and Community), law drafts submitted to the Greek Parliament, proposals from the European Commission (or the European Parliament) published in the Official Journal of the European Communities, including the applicable tax burdens, fees, duties etc.;
- g) any other information necessary for them to be fully informed of the conditions of performance of the Sub-concession Agreement.

8.2 Operational and business risks

8.2.1 The Candidates should also adequately assess the operational and business risks and all the circumstances that will affect the formulation of their Offer such as:

- a) the environmental specificity of the Complete Services area in general and the activity to be developed;
- b) the current legal and regulatory framework for the execution and operation of the project;

- c) the financial and commercial risks;
- d) the study-construction-operation-maintenance and exploitation risks (including revenue risk) of the Complete Services.

8.3 Other relative terms

8.3.1 In each case, factors such as the conditions, the volume, the composition and seasonality of the regular and non-regular ship calls by ship category, the ship's technology by ship type, the conditions of the market concerned, the risk of national, regional or world economy, etc., cannot be described as unforeseeable and affect in any way the performance of the Sub- Concession Agreement (time limit or/ and financially).

8.3.2 The Interested Parties may, before the date of submission of their offers, visit the premises of PPA Port Zone, to know on-the-spot the conditions and procedures for the provision of port reception facility services upon their request to the PPA and obtaining a permit.

8.3.3 In view of the above, by submitting its Offer, each Candidate unreservedly accepts that it is fully aware of the terms of the Tender and of the nature of the Complete Services, as well as any other information that may in any way affect the execution of the Complete Services, together with the terms of the Sub-concession Agreement and by submitting the Offer, waives any claim based on the ignorance of the conditions of performance of the Sub-concession Agreement or the assumption of all relevant risks.

9. THE SELECTION CRITERIA

The Contractor shall be appointed in accordance with article 12 of the 2016 HRCA and the Regulation of Sub-Concessions and shall fulfil the following prerequisites:

9.1 Exclusion Criteria (PASS/FAIL process)

9.1.1 The Personal Situation Criteria:

A Candidate, shall be disqualified, if:

- a) by means of a final decision of a criminal court has been proven to have committed criminal offences in any jurisdiction, which are related to its professional or business conduct. This disqualification criterion also applies where the person convicted by final judgment is a member of the administrative, management or supervisory body of that Candidate or has powers of representation, decision or control therein. Offences related to professional or business conduct include (but are not limited to)

embezzlement, extortion, forgery, perjury, fraud, bribery, fraudulent bankruptcy;

- b) by means of a final decision of a criminal court has been proven to have committed in any jurisdiction, one of the following crimes:
- participation in a criminal organisation, as defined in Article 2 of Council Framework Decision 2008/841/JHA (28);
 - corruption, as defined in Article 3 of the Convention on the fight against corruption involving officials of the European Communities or officials of Member States of the European Union (29) and Article 2(1) of Council Framework Decision 2003/568/JHA (30), as well as corruption as defined in the national law of the contracting authority or entity or the economic operator;
 - fraud within the meaning of Article 1 of the Convention on the protection of the European Communities' financial interests' (31);
 - terrorist offences or offences linked to terrorist activities, as defined in Articles 1 and 3 of Council Framework Decision 2002/475/JHA (32) respectively, or inciting, aiding or abetting or attempting to commit an offence, as referred to in Article 4 of that Framework Decision;
 - money laundering or terrorist financing, as defined in Article 1 of Directive 2005/60/EC of the European Parliament and of the Council (33);
 - child labour and other forms of trafficking in human beings as defined in Article 2 of Directive 2011/36/EU of the European Parliament and of the Council (34).

This disqualification criterion also applies where the person convicted by final judgment is a member of the administrative, management or supervisory body of that Candidate or has powers of representation, decision or control therein;

- c) It has been declared or has become bankrupt, insolvent or otherwise unable to pay its debts or has admitted in writing its inability generally to pay its debts as they become due, made a general arrangement or composition with or for the benefit of its creditors or a competent authority in any relevant jurisdiction: (i) has it placed in any other formal process of relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights in general (in Greece see Law 3588/2007-Bankruptcy Code, as in force); (ii) appoints an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or

for all or substantially all its assets; and/or (iii) has a distress, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets at the date of submission of the Tender;

- d) It has not fulfilled or otherwise come to a lawful arrangement in respect of any material obligations relating to the payment of social security contributions, to the extent applicable;
- e) It has not fulfilled or otherwise come to a lawful arrangement in respect of any material obligations relating to the payment of taxes, to the extent applicable;
- f) It is guilty of serious misrepresentation in supplying the information required under this Section or has not supplied such information;
- g) It has been found guilty of making false representations or to have neglected to submit required information in accordance with the law of the country where the Candidate is incorporated and;
- h) It has been excluded from the participation in public tenders for reasons connected to the execution of services similar to the ones described herein.

IMPORTANT NOTE 1:

In the case of companies' consortiums or joint ventures, the Personal Situation Criteria must be fulfilled by each and every member of the consortium or the joint venture.

9.1.2 Conflict of interest:

Candidates and their major shareholders or their key personnel, must not have, or had had over the past ten (10) years, a relationship or connection with PPA that gives rise, according to the Contracting Authority's opinion, to a conflict of interest.

9.1.3 Subcontracting to and lending experience by a non-Affiliate

A Candidate will be disqualified in case it refers and intends to award a subcontract that will not be in accordance with the conditions set above in para 2.7.2 and/or intends to benefit by the lending experience of another Company that is also not an Affiliate, in accordance with the provisions of Greek Company Law 2190/1920.

9.1.4 Tender Bank Guarantee or Guarantee Amount

9.1.4.1 Candidates, when submitting their offers in 1st Phase of the Pre-Selection, must (a) provide a Tender Bank Guarantee issued by an Eligible Bank, in accordance to Annex A, of euros three hundred thousand (300.000 €) or (b) provide the necessary documentation that an equal, to the Tender Bank Guarantee, amount of euros three hundred thousand (300.000 €) has been deposited, transferred and was made available as guarantee (hereinafter: the Guarantee Amount) for the participation of the Candidate in the Tender, in one of the following PPA's bank accounts:

 ΕΘΝΙΚΗ ΤΡΑΠΕΖΑ	GR1501101900000019050500651
 ALPHA BANK	GR71 0140 1250 1250 0232 0006 462
 Eurobank	GR4902600250000440201113841
ΤΡΑΠΕΖΑ ΠΕΙΡΑΙΩΣ 	GR85 0172 1140 0051 1403 2172 486

- 9.1.4.2 The Tender Bank Guarantee will be released or the Guarantee Amount will be returned by PPA to unsuccessful Candidates within ten (10) working days from the completion of the Tender and to the successful Candidate upon signature of the Sub-concession Agreement. The above guarantee (irrespective of its type) will be called upon if the Candidate does not fulfil all obligations stated in its tender.

IMPORTANT NOTE 2:

The successful Candidate will also be asked to provide:

- a. a Performance Guarantee amounting at one million euros (1.000.000 €) for the full duration of the Contract with an initial validity for one year and an obligation for its consecutive and uninterrupted renewal. This guarantee must be provided together with the return of the countersigned Sub-concession Agreement within thirty (30) days following the Sub-concession Entry into Force Date or any extension approved by PPA. If the Temporary Sub-concessionaire fails to provide such a guarantee within this period, the Sub-concession Agreement will be considered to be void and a new contract may be drawn up and sent to the Candidate which was ranked second.
- b. a Construction Guarantee amounting at five hundred thousand euros (500.000 €) with an initial validity for one year and an obligation for its consecutive and uninterrupted renewal. The duration will be equal to the Transition Period or any relevant extension approved by PPA. It is clarified that this Construction Guarantee can be returned to the Sub-concessionaire before the lapse of the twenty-four (24) month period, but not before the fulfilment of the obligation to set the non-hazardous solid waste management Installation into full operation.

9.2 Financial Adequacy (PASS/FAIL process)

9.2.1 Economic and Financial Standing Criterion

A Candidate will also be disqualified if:

- a) Its total operating results before taxes during the three (3) last financial years (2014, 2015 and 2016) are not positive per year.
- b) Its annual turnover (updated average of last 3 audited financial years), is not, equal to or more than three million euros (3.000.000 €) euros.

IMPORTANT NOTE 3:

In the case of companies' consortiums or joint ventures, the Financial Adequacy Criterion shall be fulfilled by each and every member of the consortium or the joint venture.

9.3 Technical Adequacy (PASS/FAIL process)

9.3.1 Suitability to Pursue the Professional Activity.

A Candidate will be disqualified if it does not fulfil the prerequisite of evidencing qualification to provide Complete Services.

9.3.2 Licenses

A Candidate will be disqualified if it does not have the following licenses and certifications issued by the competent bodies of the country of establishment or the country to which offers the Complete Services:

- a) License for the collection and transportation of non-hazardous solid waste, including the following special waste streams:
 - Waste of electrical and electronic equipment
 - Used tires
 - End-of-life vehicles
- b) License for the collection and transport of hazardous waste;
- c) Registration in the Register of Hazardous Waste Management Bodies;
- d) Registration in the Register of Non-hazardous Solid Waste Management Bodies;
- e) License for the collection and transportation of medical waste;
- f) License for the collection and transportation portable batteries and accumulators waste;
- g) Appropriate environmental approval and operating license of the recyclable waste management sorting Centre and collaboration agreement (if not owned by the candidate);
- h) Decision of environmental terms and operating license of the hazardous waste management Installation and collaboration agreement (if not owned by the candidate);

IMPORTANT NOTE 4:

Foreign Candidates (established outside Greece) should bear in mind that the Temporary Sub-concessionaire will have to submit to PPA, one (1) day prior to the signing of Sub-concession Agreement all the above valid licenses and certificates as well as any relevant or any other permit, license, approval or certificate that is mandatory for the provision of Complete Services in Greece according to the Greek law.

9.3.3 Previous experience

The Candidate should have as a minimum evidence of its technical adequacy a proven three-year continuous experience over the last ten (10) years regarding the provision of complete facilities services for the reception of ship-generated solid waste and cargo residues, namely regarding the activity of collection and management of ship-generated solid waste and cargo residues in ports, which show cumulative traffic similar to PPA in terms of arrivals, categories, capacity of served vessels and the quantities by type of solid waste handled.

In case a Candidate wishes to benefit from previous experience in order to prove his technical adequacy as described in this paragraph then that experience must refer to a previous project during which the Candidate was an awarding or contracting party directly with the Awarding Authority of the project and not a subcontractor of a contractor. In addition if the Candidate was a member of a consortium or joint venture while executing the similar services in the citing experience, the Candidate must have been participating in that consortium or the joint venture with a similar contribution, as the one offered by themselves and required in the current Tender.

9.3.4 ISO

Throughout the term of the agreement with PPA, the Sub-concessionaire will be requested to provide its services in conformity with a certified quality assurance system (ISO):

- a) Certification of an environmental management system according to ISO 14001:2015 or EMAS (Regulation 1221/2009 EC), stating the specific subject of services (port reception facilities services for ship-generated waste and cargo residues)
- b) Certification of a quality management system according to ISO 9001: 2015, specifying the specific subject of services (port reception facilities services for ship-generated waste and cargo residues)
- c) Health and Safety Certification OHSAS 18001: 2007, which indicates the specific subject of services (port reception facilities services for ship-generated waste and cargo residues)

- d) Certification according to ISO 16304: 2013 standard (port reception facilities services for ship-generated waste and cargo residues).

9.3.5 Liability insurance coverage.

Throughout the term of the agreement with PPA, the Sub-Concessionaire will be requested to be insured against employer's liability and third party liability (including pollution) as the relevant terms and provisions will be in the relevant agreement between the two parties.

IMPORTANT NOTE 5:

In the case of companies' consortium or joint venture, the Technical Adequacy Criteria must be fulfilled by each and every member of the consortium or the joint venture.

9.4 The Technical Proposal for the execution of the Project

9.4.1 The Technical Proposal shall, on the sanction of the rejection of the Offer, be in accordance with article 10.2.7 and shall include at least the following information:

- (a) A description of the Methodology which shall be used for the execution of Services
- (b) A description of the Installations which shall be used for the provision of the Complete Services.
- (c) A description of the Machinery and Equipment which shall be used for the provision of the Complete Services.
- (d) A description of the Personnel which shall be used for the provision of the Complete Services, both in accordance with the terms hereof.
- (e) A full Financial Plan which shall include: a) The Business Plan and b) The Finance Plan.

9.4.2 With their technical offer the Candidates must propose a certification body (third party inspector) to certify operation and capacity of the non-hazardous waste management facility according to the technical specifications that are set in Annex C. The certification body may be a natural or legal person or association of persons of recognized standing and specialized in projects similar to the tendered and, in particular, a natural or legal person or association of persons having proven experience in similar projects and operating under a certified quality assurance system ISO 9001 or equivalent. The certification body should be an accredited Inspection-Certification Body in accordance with ELOT EN ISO/IEC 17021 for quality management systems ELOT EN ISO 9001 in Greece or in a member state of the European Union for



environmental management systems according to ELOT EN ISO 14001, for health and safety systems at work according to ELOT 1801 and OHSAS 18001.

10. SUBMISSION OF OFFERS – OFFER DOCUMENTATION – TIME LIMIT FOR VALIDITY OF OFFERS

10.1 The submission process

10.1.1 The Offers shall be submitted to PPA’s Central Protocol either in English or in Greek language, in personal by the Candidate’s Authorized Representative thereof on the day the Tender is conducted, as such is set forth in para 2.2.5 of this Call.

10.1.2 The Offers may also be sent to PPA’s Central Protocol by any means and shall be received upon proof of receipt and on the necessary condition that such Offers shall be delivered to PPA’s Central Protocol until the lapse of the time limit as set forth.

10.1.3 The Candidates are responsible for dispatching the sealed Folder of Offer thereof until the receipt of such Folder of Offer by PPA. Any insurance cost, custom duties and transport charges are borne by the Candidate.

10.1.4 The Candidate is responsible for and accepts the risk for any event, to include even force majeure, that may have as a result the non-timely or non-duly submission of the Folder of Offer thereof.

10.1.5 Offers submitted after the above date and time are overdue and are returned without being unsealed.

10.2 The Folder of Offer

10.2.1 The Offers (Participation Supporting Documentation and Technical Proposal) are submitted in the sealed Folder of Offer, typed, in one (1) original (that will include only originals or duly certified copies where applicable) and in one (1) copy of the original, all drafted in the English or Greek language or officially translated in the English or Greek language.

10.2.2 On the Folder of Offer the following must be clearly written:

- PPA’s title
- The word «OFFER».
- The number and the title of the Call.
- The date of conducting the Tender.
- The detailed data of the Candidate and, in case of consortiums or joint ventures, the detailed data of all their members

10.2.3 The Folder of Offer includes two sub-folders closed and sealed:

1. the Sub-folder A of Participation Supporting Documentation and;
2. the Sub-folder B of Technical Proposal.

The two sub-folders must have the indications of the main folder (above, as per 10.2.2) as well as the following indications (each one of them accordingly):

- SUB-FOLDER A – “PARTICIPATION SUPPORTING DOCUMENTATION” and;
- SUB-FOLDER B – “TECHNICAL PROPOSAL”.

10.2.4 All the required Binding Declarations shall bear a certification of the original signature of the signatory and all the required certificates shall constitute clear certified photocopies of the original documentation issued by the authorities or of their true copies.

10.2.5 In case of foreign Candidates, if the country of their establishment does not issue any of the documents or the certificates envisaged in the following paragraphs, these documents or certificates may be replaced by a declaration on oath, or, if neither the latter one is provided, by a Binding Declaration of the Candidate before the competent judicial or administrative authority, notary or any other competent authority of the country of establishment.

10.2.6 SUB-FOLDER A’ - “PARTICIPATION SUPPORTING DOCUMENTATION”

10.2.6.1 The Sub-folder of Participation Supporting Documentation (Subfolder A) shall consist of the following folders:

1. Sub-folder A1, which shall include all the authorization and typical supporting documentation, as per below para. 10.2.6.2.
2. Sub-folder A2, which shall include all documents proving the financial and technical adequacy of the Candidate as per below para. 10.2.6.3.

The two sub-folders must have the indications of the main folder (above, as per 10.2.2) as well as the following indications (each one of them accordingly):

- “SUB-FOLDER A1 – “Authorization-Typical Supporting Documentation” and;
- “SUB-FOLDER A2 - “Financial and Technical Adequacy”.

10.2.6.2 **Sub-folder A1** shall include the following documents, on the sanction of rejection of the Offer:

- a) A brief description of the Candidate's organisation and means;
- b) A recent certified copy of certificate of incorporation (or equivalent), issued within the last 6 months from the date of the Tender;
- c) A certified copy of the codified statutes/by laws (or equivalent) in force, along with a certificate of statute amendments issued by the competent authority or court (or equivalent document);
- d) Official proof of the establishment of the Candidate's management body in force;
- e) Official proof that the person signing the Offer is legally binding the Candidate, in case the Offer is not signed by the person specifically authorized for this reason, as per the below item (f);
- f) The Candidate's competent management body's decision to participate in the Tender, submit the Offer, appointing its Authorized Representative to specifically sign and submit the Offer and acknowledging all the pre-contractual liabilities and obligation for every matter regarding their participation in the Tender and the conclusion of the Sub-concession Agreement;

The ability of the aforementioned management body to bind the Candidate by its decision as well as the certification authority of the competent body that may have certified the copy of the aforementioned decision, must be proven by the authorization documents mentioned herein.

- g) In case of consortiums or joint ventures, a notarial deed, under which their members will:
 - i. appoint their common representative, who will represent the Candidate, sign and submit the Offer and will act on behalf of the Candidate regarding all relations to PPA upon the awarding of the Sub-concession Agreement;
 - ii. appoint the procedure agent (in Greek "αντίκλητος"), habitant of Greece, who has knowledge of the Greek language, for receiving all documents notified regarding the conduction of the Tender;
 - iii. declare their participation percentages as well as the distribution of labour among the members of the consortium/joint venture.

In the notarial deed it will be declared that the aforementioned persons referred in (i) and (ii) accept their appointment.

- h) A Binding Declaration of the Candidate stating that:

- i. meets (as well as every member of the management or supervisory body or every person that has powers of representation, decision or control therein) the Personal Situation Criteria of para 9.1.1;
 - ii. meets (as well as its major shareholders and its key Personnel) the Personal Situation Criteria of para 9.1.2;
 - iii. meets the economic and financial adequacy criteria of para 9.2;
 - iv. meets the technical adequacy criteria of para 9.3;
 - v. is fully aware of the contents of this Call and unconditionally and unreservedly accepts its terms;
 - vi. acknowledges that its participation in the Process takes place at its sole risk and expense and that the participation as such does not establish any right to compensation from PPA or PPA's personnel;
 - vii. acknowledges that disqualification from the tender or failure to succeed in the tender does not create any right to compensation for the Candidates;
 - viii. acknowledges all the pre-contractual liabilities and obligation for every matter regarding their participation in the Tender
 - ix. throughout the term of the agreement with PPA, the Sub-concessionaire will be insured, according to para. 9.3.5.
- i) Details of the procedure agent (in Greek “αντίκλητος”) appointed by the Candidate to act as a contact person for all communications between the PPA and the Sub-concessionaire, including name, address, email address, phone and fax numbers and email address;
 - j) Full contact details for the Candidate's Authorized Representative (including full name, address, phone and fax numbers and email address);
 - k) The Tender Participation Guarantee as stipulated in para. 9.1.4 above and
 - l) Certified copies of current Tax and Social Insurance Compliance Certificate, or equal evidence in accordance with the law of place of the Candidate's establishment.

IMPORTANT NOTE 6:

The Sub-folder A1-“Authorization-Typical Supporting Documentation” must also include the above documents (except for Tender Participation Guarantee) for the Subcontractors and Affiliates lending experience to the Candidate as if they were Candidates themselves as well as, in case of company consortiums and joint ventures, for each and every member of the company consortium or the joint venture.

10.2.6.3 **Subfolder A2** shall include the following documents (original or dully certified copies, where applicable) as evidence of compliance with the Criteria described in para 9.2 and 9.3, on the sanction of rejection of the Offer:

10.2.6.3.1 **Financial adequacy**

In order to prove the financial adequacy of **paragraph 9.2** above the Candidates must submit:

- a) Published and audited financial statements of the last three (3) audited financial years (2014, 2015, 2016) or, in case of Candidates, who do not bear, according to law, the obligation of financial statements publication, certification of a certified auditor regarding their financial situation, which shall prove the required information as well as every other information proving the financial adequacy criterion. If the Candidate is a parent company, consolidated financial statements of the last three (3) audited financial years should also be submitted.
- b) In addition to the above, a Certification of a chartered accountant regarding the total amount of the turnover and, particularly, of the turnover in the field of activity which constitutes the subject of the contract, i.e. the provision of solid waste and cargo residues reception facilities services, for the financial years (2014, 2015, 2016).

10.2.6.3.2 **Technical adequacy**

In order to prove the technical adequacy of **paragraph 9.3** above, the Candidates must submit:

- a) A certificate of registration of Candidate with a professional registry in their country of establishment.
- b) Evidence of qualification of the Candidate to work as provider of Complete Services (in the country of its establishment or/and in the *PPA S.A. Call for Expression of Interest for the provision of Complete Facilities Services for the reception of solid waste and cargo residues of ships approaching PPA Port Zone by use of a licensed integrated management Installation*

country where the technical experience has been acquired), including at minimum the following legally validated licenses/ certificates:

- i. License for the collection and transportation of non-hazardous solid waste, including the following special waste streams:
 - Waste of electrical and electronic equipment
 - Used tires
 - End-of-life vehicles
 - ii. License for the collection and transport of hazardous waste;
 - iii. Registration in the Registry of Hazardous Waste Management Bodies;
 - iv. Registration in the Registry of Non-hazardous Solid Waste Management Bodies;
 - v. License for the collection and transportation of medical waste;
 - vi. License for the collection and transportation portable batteries and accumulators waste;
 - vii. Approvals of vehicles per ADR type, where necessary;
 - viii. Vehicle approvals for the transport of Category (I, II and III) animal by-products;
 - ix. Vehicle approval for the transport of medical waste;
 - x. Registration certificates of garbage trucks and other vehicles;
 - xi. Certificate of floating vessels for the collection of solid ship-generated waste;
 - xii. Ship worthiness certificates for every floating mean (registry certificate, general inspection protocol etc.);
- c) A table of similar prior experience as defined in the above para. 9.3.3 showing the operator (port authority, port operator etc.), the contact details of the operator, a brief description of the services, duration and percentage of participation in the provision of solid waste reception facilities;
- d) A Binding Declaration to ascertain the accuracy of the information given in the aforementioned table;
- e) Certificates or Protocols of good performance or legally validated copies of the relevant contract(s), otherwise extracts thereof, which

shall include the required information (port authority, port operator etc.). Each of the above must include sufficient information (at least subject, duration, provider, contracting authority, place of rendering the services, traffic, volume, categories) as sufficient proof for the technical experience described in above para 9.3.3

- f) Environmental management system certification in accordance with ISO 14001: 2015 or EMAS (Regulation 1221/2009 EC) stating the specific subject of services (waste and cargo residues reception facilities services)
- g) ISO 9001: 2015 Certificate, stating the specific subject of services (waste and cargo residues reception facilities services)
- h) OHSAS 18001: 2007 Certificate of Hygiene and Safety, stating the specific object of services (waste and cargo residues reception facilities services)
- i) ISO 16304: 2013 Certificate (waste and cargo residues reception facilities services)
- j) A certificate attesting to the existence of valid professional liability insurance policy in accordance with the criteria of paragraph 9.3.5.

IMPORTANT NOTE 7:

Foreign Candidates (established outside Greece) should bear in mind that the Temporary Sub-concessionaire will have to submit to PPA, one (1) day prior to the signing of Sub-concession Agreement all the above valid licenses and certificates as well as any relevant or any other permit, license, approval or certificate that is mandatory for the provision of Complete Services in Greece according to the Greek law.

IMPORTANT NOTE 8:

The Sub-folder A2- “Financial and Technical Adequacy” must also include the above documents for the Subcontractors and Affiliates lending experience to the Candidate as if they were Candidates themselves as well as, in case of company consortiums and joint ventures, for each and every member of the company consortium or the joint venture.

10.2.7 SUB-FOLDER OF TECHNICAL PROPOSAL

10.2.7.1 The parts of the Technical Proposal described herein constitute the minimum mandatory content of the Technical Proposal which Candidates are required to submit under the terms and conditions set out herein. **The checking**

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procedure of the Technical Offer will be based solely on the consideration by PPA of the completeness of the mandatory submission information (on/off procedure) and will not be evaluated in any other manner than the aforementioned. Technical Proposals that do not include all mandatory submission information are considered inadmissible and the Candidate who submitted them shall be excluded from the tendering procedure.

10.2.7.2 The Folder of the Technical Proposal shall include the following mandatory submissions, which will form the sole basis for the evaluation of technical offers, in accordance with the terms hereof.

10.2.7.3 The Folder of the Technical Proposal shall contain the following four separate parts:

- a) **Part 1 - Applied Methodology and Licensing for the Provision of Services:** this part shall include the description of the Methodology and Work Plan for performing the assignment of the Complete Services, concerning both of the designated periods, Transition and Installation Period, and the relative licensing for the provision of the Services.
- b) **Part 2 - Description of Installation(s):** this part shall include the description of the offered integrated waste management Installation(s) which shall be used for the provision of the Complete Services.
- c) **Part 3 - Description of Machinery and Equipment:** this part shall include the description of the offered Machinery and Equipment which shall be used for the provision of the Complete Services.
- d) **Part 4 – Personnel:** this part shall include the description of the Personnel which shall be used for the provision of the Complete Services, both in accordance with the terms hereof.
- e) **Part 5 – Financial Plan:** it shall include: a) The Business Plan and b) The Finance Plan.

10.2.7.4 **Part 1 – “Applied Methodology and Licensing for the Provision of Services” (Transition and Installation period)** shall include the following mandatory submission information:

A. Methodology Report and Work Plan for the delivery of the Services in which the Candidate shall include a substantive analysis of the process and methodology for the provision of the Services during the Transition Period and Installation Period which in particular should include at least the following:

A1. Technical Report for the Transition Period

Technical report including a detailed flowchart for the works and methods as well as a detailed description of all the stages of delivery-transport-processing-final disposal of the solid waste, ship cargo residues and hazardous waste (per category and Annex I, II, III, V and VI of the International Convention Marpol 73/78) and by mode of delivery (by floating and terrestrial means). Supplementary, in the above flow chart shall be denoted per phase the technical characteristics and the performance of the equipment (floating and terrestrial) that will be used.

The structure of this technical report should be consisted of the following sectors:

1. Non-hazardous waste
2. Hazardous waste
3. Recyclable waste

A2. Technical Report for the Installation Period

Technical report including a detailed workflow-method flow chart as well as a detailed description of all the delivery-transport-processing-final disposal phases of the solid waste per category, ship cargo residues and hazardous waste (per Annex I, II, III, V and VI of International Convention Marpol 73/78). Supplementary, in the above flow chart shall be denoted per phase the technical characteristics and the performance of the equipment (floating and land) that will be used.

The structure of this technical report should be consisted of the following sectors:

1. Non-hazardous waste
2. Hazardous waste
3. Recyclable waste

B. Description of specific processes ensuring:

- a) direct delivery, non-intermediate storage in the port area and direct transport out of the port area for further treatment, storage and disposal
- b) Immediate response,
- c) Continual maintenance of the Safety and Quality level of the services

C. Implemented Quality, Environmental Protection and Occupational Health & Safety Policy.

D. Preparedness, response and contingency plan for the management of pollution resulting from accident, damage or damage to Candidate's means and equipment.

The Contingency Plan shall cover all the delivery, transport and treatment phases (transition and Installation period) and all the categories of solid or hazardous waste and cargo residues. The Contingency plan shall include at least:

- a) Tables of emergency personnel teams with the respective responsibilities of each person;
- b) Means of communication;
- c) Emergency pollution response means and equipment;
- d) Elaboration of pollution scenarios.

E. Over Capacity Response Plan (continuously adequacy ensuring process).

F. Technical report on alternative management of waste and enhancement of recycling including methodology and efficiency assessment.

G. Agreements of Collaboration

Agreements of Collaboration with Alternative Management Systems (as collector) for the following streams of waste:

- a) End of Lifecycle Vehicles
- b) Waste Electrical and Electronic Equipment - WEEE
- c) Waste batteries and accumulators
- d) Used vehicle tires

IMPORTANT NOTE 8 :

10.2.7.5 **Part 2 – “Description of Installation (s)”** shall include the general description of the offered Installations and technical specifications in two categories: 1) Technical description & Specifications and 2) Licensing.

1. Technical Description & Specifications

A detailed description of the Installation that the Candidate will have at its disposal for the well performance of the project, which should meet the minimum requirements and specifications listed in Annex C of this declaration.

1.1 Non-Hazardous Waste Installation (Installation Period)

Brief Technical Description and Specifications of the Non-hazardous Solid Waste Management Installation in the framework of Annex C including:

- a) Brief Description of the layout and organization of all facilities and their operation. The description will cover all parts of the non-hazardous solid waste management facility, such as all types of

buildings and infrastructure. It will also describe the facility's functions and the corresponding flows.

- b) Technical characteristics of the equipment
- c) A brief description of the operation of all basic equipment of all processing sectors
- d) Analytical flow chart including the processing equipment, work lines and stages
- e) Applied technical standards, specifications and guidelines
- f) Certification or/and third party inspector for installation and infrastructure

1.2 Waste transfer station in the port area (area for unloading waste from barges to trucks (15 years period):

- a) Brief Description of the layout and organization of the facility and the operations. The description will cover all parts of the waste transfer station.
- b) Technical characteristics of the collecting equipment
- c) Analytical flow chart including the processing equipment, work lines and stages
- d) Commitment declaration that the Sub-concessionaire will follow the procedure of approval standard environmental commitments for the specific port area that will be designated by the PPA for barge to truck unloading procedures

1.3. Waste Transfer station outside the port area (Transition Period)

- a) Brief Description of the layout and organization of all facilities and their operation. The description will cover all parts of the non-hazardous solid waste management facility and infrastructure. It will also describe the facility's capacity, the corresponding flows and the standards/specifications that are applied.
- b) Solemn Declaration that the Waste Transfer Station is located in the jurisdiction of Region of Attica

1.4. Recyclable waste management sorting center (Transition period)

- a) Brief Description of the layout and organization of all facilities and their operation. The description will cover all parts of Recyclable waste management sorting center facility and infrastructure. It will also describe the facility's capacity, the corresponding flows and the standards/specifications that are applied.
- b) Solemn Declaration that the installation is located in the jurisdiction of Region of Attica

1.5 Hazardous Waste Installation

- a) Brief Description of the layout and organization of all facilities and their operation. The description will cover all parts of Hazardous Waste Installation. It will also describe the facility's capacity for storage per waste category (EWC), the corresponding flows and the standards/specifications that are applied.
- b) Brief Description of the layout and organization of the facility and the operations. The description will cover all parts of the hazardous waste installation.
- c) Technical characteristics of the equipment

2. Licensing

2.1. Non-Hazardous Waste Installation (Installation period)

- a) In case **that the installation is not already constructed** the following shall be submitted:
Solemn declaration that the following licenses (legally validated copies) will be submitted to PPA before the full operation of the installation and no later than 24 months from the Sub-concession Entry into Force Date:
 - Environmental Terms Approval Decision (including all the non-hazardous waste of the Tender)
 - Operating license
 - Registration Certifications as Activity and as Installation in the Electronic Waste Registry
- b) In case **of existing installation** shall be submitted legally validated copies of:
 - Environmental Terms Approval Decision (including all the waste categories of the Tender)
 - Operating license
 - Registration Certifications as Activity and as Installation in the Electronic Waste Registry

2.2. Waste Transfer station outside the port area (Transition Period)

The following legally validated copies shall be submitted:

- Collaboration Agreement (if not owned by the Candidate) proving the disposal of the installation covering the transmission period;
- Appropriate Environmental Approval;
- Operating license;
- Registration Certifications as Activity and as Installation in the Electronic Waste Registry

2.3. Recyclable waste management sorting center (Transition period)

The following legally validated copies shall be submitted:

- Collaboration Agreement (if not owned by the Candidate) proving the disposal of the installation covering the transmission period;
- Appropriate Environmental Approval;
- Operating license;
- Registration Certifications as Activity and as Installation in the Electronic Waste Registry.

2.4 Hazardous Waste Installation

The following legally validated copies shall be submitted:

- Collaboration Agreement (if not owned by the Candidate) proving the disposal of the installation;
- Appropriate Environmental Approval (including the storage of hazardous waste of the Tender);
- Operating license;
- Registration Certifications as Activity and as Installation in the Electronic Waste Registry;

2.5 Domestic (bio degradable) waste final disposal facility (landfill)

The following legally validated copies shall be submitted:

- Collaboration Agreement proving the disposal of the installation
- Appropriate Environmental Approval if applicable;
- Operating license, if applicable;
- Registration Certifications as Activity and as Installation in the Electronic Waste Registry.

10.2.7.6 **Part 3 – “Description of Machinery and Equipment”** shall include the following mandatory submission information:

- a) A detailed list and description of all the means and equipment that the Candidate will provide for the proper execution of the Services, which shall meet the minimum requirements and specifications set forth in Annex B of this Call.
 - i. Exact copies, legally validated, of nationality documents, ownership documents and/or leasing agreements, certifications and licenses of the means and equipment provided by the Candidate for the proper execution of the Services, proving that the minimum requirements and specifications mentioned in the Annex B of this Call are met. For the portable equipment, the standards and quality and safety specifications kept and the relevant certificates should be submitted;
 - ii. ADR Certifications for the vehicles that is necessary;

- iii. Approval for the vehicles transporting animal by products category (I, II & III);
- iv. Approval for vehicles transporting medical waste;
- v. Registration certificate (license) for the Waste trucks & other vehicles
- vi. Certificate of floating vessels for the collection of solid ship-generated waste;
- vii. Ship worthiness certificates for every floating mean (registry certificate, general inspection protocol etc.);

10.2.7.7 **Part 4 – “Personnel”** which shall include a detailed list and description of the personnel that the Candidate will provide for the proper execution of the Services, which shall meet the minimum requirements and specifications set forth in Annex B of this Call

- a. Analytical list of all the Personnel available by the Candidate for the good execution of the Services resulting from employment status lists (from insurance bodies) and which should meet the minimum requirements and conditions set out in Annex B of this Call;
- b. Exact copies, legally validated, of the formal and substantive qualifications of the Personnel to be provided by the Tenderer for the good execution of the Services, such as CVs of the scientific staff, contracts with the safety engineer and the occupational doctor, ADR drivers' certifications, etc., proving that the minimum requirements and specifications are met;

10.2.7.8 **Part 5 – “Financial Plan”** shall include the following mandatory submission information:

a) The Business Plan for the construction and operation of the Installation and the provision of services, which shall be:

- (i) Profit and Loss Statement (P & L), Balance Sheets and Cash Flow Statements for the entire duration of the concession
- (ii) Revenue volumes
- (iii) Analysis of sources of income (revenue from service invoices, income from RDF sale and other recyclable materials, and / or other sources of revenue)
- (iv) Analysis of operating expenses (operating expenses, staff, maintenance, other expenses)
- (v) Construction Object (Cap Ex)

b) The Finance Plan:

The Candidates will include a project finance plan, which will explain the method and sources from which the Candidate has or will finance and / or

raise funds for the amount of the investment. The description of the Funding should include as a minimum:

- (i) sources and uses of funds during the construction and operational period of the installation
- (ii) Equity funding. If part of the equity is paid in the form of secondary borrowing, the terms of the borrowing will be presented in detail.
- (iii) Borrowing assumptions and, in particular, borrowing terms (interest rate, loans duration, type of borrowing, bank fees and repayment terms)

The Finance Plan and the Business Plan submitted by the Candidate as well as all the relevant information to be submitted by the Tenderer in this context, will serve solely informational purposes. In any case the Committee may, in accordance with paragraph in particular, request clarification (as for any part of the Offer) of the content of the Financial Plan description during the audit procedure, in cases of contradictions or ambiguities.

IMPORTANT NOTE 9:

The Technical Proposal and especially the Financial Plan, must not include any information that could lead to the Candidate's offered percentage to PPA as a sub-concession fee, which shall be the award criterion in the 2nd phase as per para. 2.3.2 above.

10.2.8 In case that the content of one of the sub-folders is not possible to be placed in the main folder, due to the volume thereof, then such are packaged separately and follow the main folder with the indication «Annex to the Sub-folder of» and the other indications of the main folder.

10.2.9 Offers must not have scrapings, erasures, additions, corrections. If there is any addition or correction on the offer, such must be written clearly and initiated by the Candidate's Authorized Representative, whilst the competent unit for the acceptance and unsealing of the offers, during the inspection thereof, initials and stamps any correction or addition. The Offer is rejected when there are corrections therein, which make the offer unclear, at the judgement of the unit evaluating the Offers.

10.3 The unsealing process

10.3.1 The Committee proceeds with the commencement of the procedure of unsealing the Offers, in the first working day immediately after the completion of receipt of the Offers.

- 10.3.2** The Committee will initially (a) identify the Offers which were duly submitted (at the correct time, place and process) and (b) will immediately proceed with the review of the fulfilment of the ON/OFF criteria set above in paras 9.2 and 9.3. The Offers that were duly submitted and satisfy the ON/OFF criteria will be defined by the Committee as Offers that are acceptable.
- 10.3.3** The Committee reserves the right to request additional evidence or clarifications by the Candidates at any stage of the evaluation process.
- 10.3.4** The Offers are valid and binding upon the Candidates for ninety (90) calendar days as of the following day to the day of conducting the Tender. Any Offer which sets forth a term of validity less than the above mentioned, is rejected as unacceptable.

ANNEX A: FORM OF TENDER BANK GUARANTEE

(TENDER BANK GUARANTEE)

Piraeus Port Authority S.A. (PPA S.A.)

10, Akti Miaouli

185 38, Piraeus Greece

Date:

Dear Sirs,

1. We have been advised that:

(a) [Full Name], a [Type of Entity], lawfully established under the laws of [jurisdiction], with registered offices at [Full Address of Registered Office], registration number [number of corporations' or similar register], as lawfully represented (the "Candidate") intends to submit a binding offer (the "Offer"), in response to a document entitled "CALL FOR EXPRESSION OF INTEREST FOR THE PROVISION OF COMPLETE FACILITIES SERVICES FOR THE RECEPTION OF SOLID WASTE AND CARGO RESIDUES OF SHIPS APPROACHING PPA PORT ZONE BY USE OF A LICENSED INTEGRATED MANAGEMENT INSTALLATION" issued by Piraeus Port Authority S.A. ("PPA" or "you") and dated 2017 (the "Call"). Capitalised terms not defined herein shall be used as defined in the Call.

2. We have been advised that the obligations of Candidates regarding their participation in the tender process are several and accept to be bound by and to honour this letter of guarantee whether or not a call on this instrument results from the act or omission of any of the persons named at the beginning of paragraph 3 below.

3. In view of the foregoing and at the request and for the account of the Candidate, we [Full Name of Eligible Bank], acting through our [●] branch of [Full Address], hereby guarantee irrevocably and unreservedly to PPA S.A. for the full and proper observance by, and compliance of the Candidate with the terms and conditions applicable to their participation in the Process, as well as for any and all other financial and non-financial obligations of the Candidate relating to its participation in the Process, each pursuant to Call and the provisions of applicable law, up to a maximum aggregate amount of

4. We shall commit the above amount and shall pay same to you in whole or in such part as you may specify in writing, without any objection or pretext, within two (2) Athens business days following receipt of your first and simple demand in writing or by authenticated SWIFT making reference to this letter of guarantee and stating that the Participant(s) failed to comply with the terms

5. We hereby expressly and irrevocably waive the benefit of division and discussion, our right to invoke any of the objections of the prime obligor, including personal and non-personal objections and, in particular, any objection provided for under Articles 852-855, 862-863, 866, 867 and 869 of the Greek Civil Code and waiving also any and all of our rights under the said Articles.
6. No approval, act or consent on the part of any of the Participants, the applicant(s) herefor or any third party shall be required for payment of any amounts hereunder. In addition, no objection or disagreement of any of the foregoing persons or their eventual recourse to courts of any jurisdiction or arbitral tribunals seeking non forfeiture of this letter of guarantee shall be taken into consideration.
7. Subject to paragraph 8 below, this letter of guarantee is of indefinite duration and in any case shall remain in full force and effect until the earlier of: (a) the date on which all amounts available hereunder have been fully and actually drawn and paid to you; (b) upon receipt of your confirmation in writing or by authenticated SWIFT to the effect that you finally and irrevocably release us from any obligations hereunder.
8. This guarantee shall be governed and construed in accordance with Greek law. The courts of Athens, Greece shall have exclusive jurisdiction to resolve any disputes associated with this instrument.

Respectfully,
For [*Eligible Bank*]
[*Authorized Signatures*]

ANNEX B: MINIMUM REQUIREMENTS AND SPECIFICATIONS FOR AUTOMOTIVE MEANS, EQUIPMENT AND PERSONNEL

For the purposes of adequate provision of the service, the Sub-contractor, except from the provision of the appropriate infrastructures and equipment, is obliged, to provide floating and terrestrial means, mechanical means, vehicles and machinery, mobile equipment and specialized personnel, in kind, capabilities and of adequate number, in order to cover all service needs of all ships entering PPA SA Port Region, so as not to cause undue delays.

Minimum required means :

- Three (3) self-propelled refuse barges of more than 25 m³ capacity each, which will be exclusively used for the collection and transport of ships' solid waste.
- One (1) self-propelled refuse barge with a capacity of more than 25 m³, with adequate capacity for receiving at least packaged hazardous waste class 3, 4, 5.1, 5.2, 6.1, 8, 9 which will be exclusively used for the collection and transport of the ships solid waste.
- Three (3) towed waste barges, with a capacity of more than 60 m³ each, which will be exclusively used for the collection and transport of solid waste from ships.
- Five (5) waste collection vehicles with compaction mechanism of refuse capacity larger than 14 m³, including the registration certificate. Two (2) out of the five (5) waste collection vehicles will be equipped with built in container washing system and one will be double flow type for the separated collection and transport of recyclable land side waste. According to legal provisions, all the above must also include all necessary legal permits and must be at least EURO V anti-pollution technology.
- One (1) hydraulic, hook lift type, specially designed car, of lifting capacity more than 18 tons, suitable for the loading and transporting CONTAINERS of 30-40 m³, also equipped with a grab crane, including with the necessary licenses, and of at least EURO V anti-pollution technology.
- Three (3) specially designed cars of skip lift type, of lifting capacity higher than 12 tones, suitable for loading and transporting CONTAINERS of 10 m³ including all necessary licenses and of at least EURO V anti-pollution technology.
- Three (3) hydraulic, hook lift type, specially designed cars, of lifting capacity more than 18 tons, suitable for loading and transporting containers of 30-40 m³, one (1) of which will be equipped with a rear container lifting system in order to unload containers at a height, equipped with a trailer, including registration certificates. The cars must be at least EURO V anti-pollution technology.

- One (1) refrigerator truck for the transport of Category 1, 2 & 3 animal by-products, including all the necessary legal permits/ registration certificates and must be at least EURO V anti-pollution technology.
- One (1) refrigerator truck for the transport of medical waste, including all the necessary legal permits/ registration certificates, of at least EURO V anti-pollution technology.
- One (1) hoeing machine or/and crane-type machine for the transshipment of waste, including registration certificates.
- One (1) satellite vehicle with a capacity of at least 2 m³, including all necessary legal permits / vehicle legal registration certificates, of at least EURO V anti-pollution technology.

In order to prove the availability of the above mentioned means, candidates must submit all legal documents according to the provisions of Article 10.2.7.6 of the Tender.

The Sub-concessionaire shall be required to make available throughout the duration of the Contract, the means of equipment he has stated within his offer. Those means of equipment may be replaced, for whatever reason, only by means and equipment of equivalent or better specifications, only after PPA written approval; in any case, the type and number of the means and equipment stated within the Offer cannot be modified throughout the duration of the Agreement without prior written permission of the Contracting Authority.

Minimum required equipment:

The Contractor is required, in addition to the above mentioned an adequate amount of portable collective equipment, to dispose/ to have the minimum necessary means for collecting solid waste from ships at least of:

- Forty (40) waste - containers of 10 m³ each.
- Forty (40) waste - containers of 30 m³ each.
- Appropriate certified hazardous waste collective means (UN approved barrels, Big-bags etc)
- Three hundred (300) waste bins of 1100 lt for recycling needs

Minimum required personnel:

The personnel who will be involved during the execution of the Contract will be the scientific and coordinating personnel stated within the participant's submitted Offer. In particular, the scientific and coordinating staff should have at least two years of experience in solid waste reception operations at port reception facilities and shall consist of at least:

PPA S.A. Call for Expression of Interest for the provision of Complete Facilities Services for the reception of solid waste and cargo residues of ships approaching PPA Port Zone by use of a licensed integrated management Installation

- Three (3) supervisors
- Three (3) OPERATION works coordinators
- One (1) Chemical Engineer or Environmental Engineer
- One (1) Safe Transport Dangerous Goods Advisor (ADR)

In addition to the minimum required personnel, the Sub-contractor, must provide/ make available sufficient and qualified personnel for the operation of the floating and land equipment as those have been stated within the submitted offer, as well as the necessary auxiliary personnel for providing the service which will indicatively consist of:

- Thirteen (13) Drivers
- Three (3) Operators for the floating means/equipment
- Three (3) crew members - staff
- Three (3) equipment operators
- Twelve (12) workers

In order to prove the availability of the required personnel, the applicants must submit:

1. Personnel records officially certified from the competent insurance authorities and institutions in order to provide proof of the minimum personnel required, except from the ADR (Dangerous Goods Transport Safety Advisor).
2. Curriculum vitae of the scientific and supervising personnel, from which it will become evident the at least two years of experience in solid waste reception operations at port reception facilities.
3. Detailed list of the vehicle operators and auxiliary/supporting staff which will be employed for the implementation of the concession services.
4. Vehicle drivers' certificates according to ADR (Dangerous Goods Transport Safety Advisor) used and for the vehicles wherever it is required.

The contractor must keep an up-to-date daily list of all staff/personnel which will be occupied/ involved for the provision of the services mentioned here into, must also designate the Safety Engineer or / and the occupational doctor. An on-site project representative must also be designated for resolving health and safety issues between the employees with the Contractor's competent authority and will supervise the proper implementation of all safety measures.

ANNEX C: MINIMUM REQUIREMENTS AND SPECIFICATIONS OF THE MANAGEMENT INSTALLATIONS OF SHIP-GENERATED SOLID WASTE

C1. MINIMUM REQUIREMENTS AND SPECIFICATIONS FOR THE NON-HAZARDOUS SOLID WASTE MANAGEMENT INSTALLATION

The facility for the treatment and management of solid non-hazardous waste must be of at least total capacity of 20,000 tn/year.

The processing plant will be constructed by using state-of-the-art technology equipment.

The design methodology for the treatment plant is the subject of a design study prepared by the candidate, in relation to the requirements for managing solid non-hazardous waste and cargo residues. The bidders, within their offers, must submit full and detailed description.

MAIN STAGES OF SOLID WASTE TREATMENT:

The installation has to be consisted at least of the following parts:

- Waste Transfer Station for the temporary storage of the non hazardous waste with a minimum flow capacity of 40tn/day
- Pre-selection and treatment of waste unit
- Storage of special waste streams unit (Electronic and electrical equipment waste, cooking oil etc)
- Drying treatment unit for the non-hazardous waste
- Recyclable waste management sorting center

The main process will be as follows:

1. Management of domestic type waste based on according to the principles of a " Recyclable waste management sorting center"
2. Handling of the "clean flows" of recyclable materials, according to the techniques of recycling of metallic and non-metallic waste (temporary storage - sorting - cutting - compression - packing)
3. Temporary storage of specific streams of waste WEEE (Waste from Electrical and Electronic Equipment) & Cooking Oil
4. Drying treatment unit for the non-hazardous waste generated from cleaning works in the floating and drydocks

INDICATIVE REQUIRED EQUIPMENT:

1. Recyclable waste management sorting center equipment
 - a. Hand Collecting Cabinet
 - b. Conveyor belts
 - c. Bag sack
 - d. Press
 - e. Rotary sieve (trommel)
 - f. Hand Collecting Belt
 - g. Hand Collecting Cabinet Magnet
2. Recyclable waste management sorting center Machines
 - a. One (1) Telescopic Forklift
 - b. One (1) Forklift for sorting center balls
3. Cooking Oil Storage Equipment
 - a. Storage tank
 - b. Pump station
 - c. Pipe network
4. Transportation EQUIPMENT– Project’s machinery
Loader
5. Drying treatment unit for non-hazardous solid waste generated in the floating and dry docks

An integrated drying system with loading device and filtration-de-gassing device, of a capacity of approx. 300 tn /year

AUXILIARY EQUIPMENT INSTALLATION:

- Fire extinguishing system
- Monitoring and recording systems.

Please note that the equipment listed above is indicative and not restrictive.

In each case, the equipment and the treatment methodology to be used will be those approved in accordance with the Environmental Approval of the facility, according to Law 4014/2011.

The facility must be accompanied with valid license/permits for its operation, as well as valid license/permit for any other requirement by the applicable law for its lawful operation.

C2. MINIMUM REQUIREMENTS FOR THE HAZARDOUS WASTE MANAGEMENT INSTALLATION

The hazardous waste management facility must have a minimum temporary storage capacity of 200 tn.

The facility will be accompanied with Appropriate Environmental Approval, operating license as well as with any other license required by the applicable law for the purposes of its legal operation.

C3. MINIMUM REQUIREMENTS AND SPECIFICATIONS FOR THE RECYCABLE WASTE MANAGEMENT SORTING CENTER (Until the setting in full operation of the Integrated Non Hazardous Waste Management Installation)

For the process of sorting, temporary storage, batching and recycling of recyclable non-hazardous solid waste, capacity of at least 12,000 tn / year must be achieved.

The installation must be accompanied with: a) Appropriate Environmental Approval according to Law 4014/2011, as currently in force, and b) operating license, as well as license for any other requirement by the applicable law for its lawful operation.

The candidate's offer must include full and detailed description of the facility.

C4. WASTE TRANSFER STATION

(Until the setting in full operation of the Integrated Non Hazardous Waste Management installation)

For the temporary storage of non hazardous waste in the collective means of non-hazardous solid waste until the final disposal in landfill or other appropriate installation. The capacity of the installation should be adequate in order to cover at least a flow of 35 tn /day.



The installation must be accompanied with: a) Appropriate Environmental Approval, according to Law 4014/2011, as currently in force, and b) operating license, as well as license for any other requirement by the applicable law for its lawful operation.

The candidate's offer must include full and detailed description of the facility.

**ANNEX D: SHIP GENERATED SOLID WASTE DELIVERED IN PPA's
PORT RECEPTION FACILITIES _ YEARS 2014, 2015 & 2016**
