

DRAFT ASHP Guidelines on Selecting Pharmaceutical Manufacturers and Suppliers

1 Pharmacists are responsible for selecting, from hundreds of manufacturers and suppliers, those
2 that will enable them to fulfill an important obligation: ensuring that patients receive
3 pharmaceuticals and related supplies of the highest quality and at the lowest cost, even during
4 times of market shortages. (For purposes of these guidelines, *pharmaceutical* refers to a drug
5 product or preparation.) Pharmacists are also responsible for ensuring manufacturers and
6 suppliers can meet regulatory requirements, such as Drug Supply Chain Security Act (DSCSA).¹

7 The purpose of these guidelines is to provide criteria pharmacists should consider when
8 purchasing products from suppliers, including criteria regarding

- 9 • product specifications and quality;
- 10 • supply integrity, consistency, and recalls;
- 11 • regulatory compliance (e.g., with the DSCSA, compounding requirements, 503A and
12 503A facility guidance, and 340B Drug Pricing Program and orphan drug program
13 requirements);
- 14 • product safety;
- 15 • product distribution;
- 16 • marketing and sales policies; and
- 17 • contracting and billing procedures.

18

19 The guidelines also provide recommendations to optimize the purchasing process, including

20 recommendations regarding business partnerships and practices, the role of the chief
21 pharmacy officer (CPO), the role of group purchasing organizations (GPOs), bidding procedures,
22 and supplier access.

23 The recommendations in these guidelines represent a consensus of professional
24 judgment, expert opinion, and documented evidence. They are written to establish reasonable
25 goals, to be progressive and challenging, yet attainable as best practices in applicable settings.
26 They do not represent minimum levels of practice, and pharmacy professionals are encouraged
27 to exercise their professional judgment in assessing and adapting these recommendations to
28 meet the specific needs of their healthcare organizations.

29

30 **Obligations of the supplier**

31 Pharmacists should consider the criteria presented below when purchasing products from
32 suppliers. Other factors (e.g., payment terms, credit policies, delivery times, and the breadth of
33 a supplier’s product line) will also need to be considered when selecting a supplier.

34

35 **Product specifications and quality**

36 Suppliers should make available to the purchasing organization all information related to the
37 product design, testing, and quality and safety standards.² In addition, suppliers must follow
38 regulatory guidelines and laws associated with the manufacturing and packaging of
39 pharmaceuticals.

40 1. On request of the pharmacist, the supplier should furnish

41 a. Analytical control data.

- 42 b. Sterility testing data.
- 43 c. Bioavailability data.
- 44 d. Bioequivalency data.
- 45 e. Descriptions of testing procedures for raw materials and finished products.
- 46 f. Any other information that may be indicative of the quality of a given finished
- 47 drug product.

48 Testing data developed by independent laboratories should be identified by the

49 supplier. All information should be supplied at no charge.

- 50 2. All drug products should conform to the current requirements of *The United States*
- 51 *Pharmacopeia–The National Formulary (USP–NF)*,³ unless otherwise specified by the
- 52 pharmacist. Items not recognized by *USP–NF* should meet the specifications set forth by
- 53 the pharmacist.
- 54 3. Therapeutic, biopharmaceutic, and toxicologic information should be available to the
- 55 pharmacist on request; toxicity information should be available at all times.
- 56 4. Patient and staff educational materials that are important for proper use of the product
- 57 should be routinely available.
- 58 5. On request, the supplier should furnish proof of any claims made with respect to the
- 59 efficacy, safety, and superiority of its products.
- 60 6. On request, the supplier should furnish, at no charge, a reasonable quantity of its
- 61 products to enable the pharmacist to evaluate the products' physical traits, including
- 62 pharmaceutical elegance (appearance and absence of physical deterioration or flaws),
- 63 packaging, and labeling.

64 Supply integrity, consistency, and recalls

65 Purchasing organizations face many challenges related to pharmaceutical procurement.
66 Obtaining pharmaceuticals in a safe and efficient manner is more challenging in the setting of
67 frequent shortages and recalls. Changing suppliers on a frequent basis can lead to patient
68 safety concerns and can divert limited resources from patient care to procurement. Purchasing
69 organizations should assess a supplier's ability to provide quality products and escalate
70 production to meet demand. Purchasers are also responsible for assessing the integrity of
71 suppliers and pharmaceuticals during times of market shortage to ensure product quality.⁴

72 Purchasers should consider the history of supplier performance regarding to recalls and
73 shortages, including but not limited to the following.

- 74 1. There should be no history of recurring product recalls indicative of deficient quality
75 control procedures.
- 76 2. A supplier should have a network of reliable and quality back-up suppliers during times
77 of shortage.
- 78 3. Suppliers who manage product on consignment should have a plan in place to clearly
79 define the distribution process during times of market shortage.
- 80 4. The supplier should permit visits (during normal business hours) by the pharmacist to
81 inspect its manufacturing and control procedures.
- 82 5. The supplier should be willing to provide clear and complete information about
83 production sites, manufacturing redundancies, and disaster plan management.
- 84 6. Performance metrics (e.g., purchasing discrepancies, controlled substance management,
85 Drug Enforcement Administration [DEA] inspection results) should be readily accessible

86 and shared with the purchasing organization regularly and upon request.

87 7. The supplier should have FDA inspection reports and corresponding corrective action
88 plans readily accessible and share them with the purchasing organization at the time of
89 engagement and following any inspection thereafter.

90 8. Supplier reputation and capacity for managing supply should be considered. Suppliers
91 that engage in excessive price increases should be avoided, and purchasing
92 organizations should look for alternative products or suppliers if possible.

93 9. The supplier should have a process for the purchasing organization to report defective
94 products and receive a replacement product. The supplier should also have a quality
95 program in place to prevent defective products from being shipped to the purchasing
96 organization.

97 10. The purchasing organization should consider the following factors when purchasing
98 pharmaceuticals that have been repackaged: (1) Pharmaceuticals are properly labeled
99 and packaged. (2) The supplier follows current good manufacturer practices. (3)
100 Products are labeled to allow for traceability.⁵

101 11. Purchasing organizations should use strict supplier vetting policies to prevent sales from
102 nonreputable or gray market suppliers. Purchasing organizations should also confirm
103 that the supplier has a license within the state, complies with DSCSA requirements, and
104 has stored the product properly. Purchasing organizations should exercise caution when
105 purchasing pharmaceuticals from suppliers when the primary wholesalers are out of
106 product. Having one point of contact within the purchasing organization can be helpful
107 in mitigating adverse exposure from conducting business with nonreputable suppliers.

108 12. Methods to identify gray market suppliers could include the following: (1) Supplier has
109 ample product when the primary wholesalers are out of stock. (2) Supplier has marked
110 up products over 100% compared to products purchased directly from primary
111 wholesaler. (3) Supplier will not offer additional pedigree for product purchased.

112

113 **Regulatory compliance**

114 The pharmaceutical supply chain is governed by a number of regulatory bodies that protect key
115 stakeholders in the supply chain. The DSCSA defines requirements to trace illegitimate drugs in
116 the supply chain. Suppliers should meet all the requirements of DSCSA and should recognize
117 that government agencies will conduct studies to identify compliance with these policies. In
118 addition, oversight agencies, such as the Office of the Inspector General, may provide guidance
119 and standards that need to be considered by stakeholders in the supply chain. The FDA 503A
120 and 503B guidances provide directions for pharmacies and outsourcing facilities on sterile
121 compounding compliance.⁶⁻⁸ The FDA takes action on compounders that are noncompliant and
122 pose a safety risk to the public. Similarly, compliance with the 340B program ensures covered
123 entities are utilizing savings in the spirit of the law and that manufacturers are treated fairly.
124 Finally, regulation of alternative supply chains is not well established but will be an emerging
125 trend as site-of-care implications direct patient care to outpatient settings.

126 **DSCSA.** All aspects of compliance with DSCSA requirements is beyond the scope of these
127 guidelines. Some important elements of DSCSA compliance to consider in selecting
128 pharmaceutical manufacturers and suppliers include but are not limited to the following.

129 1. Suppliers are defined as various types of trading partners under DSCSA and must be

- 130 authorized to conduct such activities.¹
- 131 2. Manufacturers and repackagers must have a valid registration with the FDA, which
132 can be validated on the FDA's Drug Establishment Current Registration Site database
133 (DECERS).⁹
- 134 3. Wholesaler distributors and third-party logistics carriers must have a valid state or
135 federal license, which can be validated on the FDA's wholesaler and third-party
136 logistics providers reporting database.¹⁰
- 137 4. DSCSA requires trading partners to provide transaction information for all products
138 when change of ownership occurs. Prescription drugs must be accompanied by
139 appropriate tracing information, including the transaction information (TI),
140 transaction history (TH), and transaction statement (TS).¹
- 141 5. When evaluating compliance, purchasers will need assurance that proper exchange
142 of tracing information occurs. Health systems should consider the operational
143 efficiency associated with electronic storage and retrieval of data.¹
- 144 6. DSCSA provides guidance on the standardization of TI, TH, and TS data and instances
145 in which it is acceptable to omit data (e.g., patient-specific dispenser-to-dispenser
146 sales, grandfathered products).¹
- 147 7. Trading partners should have the IT infrastructure to support electronic data
148 exchange. They should also be capable of interfacing with third-party vendor
149 software that collects and stores TI, TH, and TS data for dispensers.¹
- 150 8. Suppliers and patient care providers need to be vigilant and continuously evaluate
151 requirements of DSCSA to ensure full compliance.¹

152 9. Purchasing organizations need to routinely monitor FDA and Office of Inspector
153 General reports for guidance on DSCSA compliance.¹

154 ***Compliance with compounding requirements.*** In the setting of drug shortages, 503B
155 outsourcing facilities play a critical role in ensuring the production of safe and quality
156 pharmaceuticals. Due to supply chain disruptions, some health systems are engaging in 503A
157 compounding to support their own patient care needs. While 503A compounding does not
158 engage with an external supplier, organizations must ensure compliance with all relevant
159 regulations. In situations in which there is a need to engage in compounding to provide patient
160 care, certain standards need to be ensured to develop the supplier relationship. Organizations
161 that enter into supplier arrangements with 503B facilities need to ensure that certain core
162 principles are maintained. Although this is not an exhaustive list, below are the some core
163 elements compounding facilities must maintain. For more information, refer to the ASHP
164 Guidelines on Outsourcing Sterile Compounding Services.¹¹

165 ***503A facilities.*** Some important elements of 503A compliance to consider in selecting
166 pharmaceutical manufacturers and suppliers include but are not limited to the following.

- 167 1. 503A pharmacies are considered traditional compounding pharmacies by the FDA and
168 are permitted to compound patient-specific drug products. 503A pharmacies are
169 required to comply with USP chapters 795 and 797 and state board of pharmacy
170 regulations.^{6,12-14}
- 171 2. 503A pharmacies must register with their state board of pharmacy and the DEA.
- 172 3. Sterile drug products must be dispensed as patient specific. Environmental monitoring is
173 required every 6 months.

- 174 4. All drug products should be labelled with patient information, drug information,
175 company information, and adequate directions for use of the product.
- 176 5. Beyond-use dating must be assigned in accordance with internal and external scientific
177 literature on stability.
- 178 6. Compounding may be done from category 1 bulk drug substances, bulk drug substances
179 with a USP or NF monograph, or drug components that are components of drugs
180 approved by the Secretary of Health and Human Services (HHS).

181 **503B facilities.** Some important elements of 503B compliance to consider in selecting
182 pharmaceutical manufacturers and suppliers include but are not limited to the following.

- 183 1. 503B facilities are considered outsourcing facilities that may produce large batches of
184 product with or without prescriptions to be sold to healthcare facilities for office use.
- 185 2. Sterile products are not required to be but may be dispensed on a patient-specific basis.
- 186 3. 503B facilities must comply with current good manufacturing practices and, in some
187 cases, state board of pharmacy regulations.⁷
- 188 4. Development of a robust environmental monitoring program is required and must be
189 performed, at a minimum, per production shift in the ISO 5 primary compounding areas
190 and weekly in the ISO 7 and ISO 8 secondary compounding areas.
- 191 5. Products must be labelled in accordance with the Drug Quality and Security Act
192 (DQSA).¹⁵
- 193 6. A quality department that is independent of the operations and sales department must
194 be in place and have complete autonomy for investigations and releasing products.
- 195 7. A robust stability program must also be put in place to scientifically confirm the stability

196 of a medication when subjected to degradation variables.

197 8. 503B facilities may only compound from Category 1 bulk drug substances.

198 9. 503B facilities must register with the DEA and FDA. Registration with the state board of
199 pharmacy may also be required by state pharmacy law. 503B facilities have an
200 additional requirement to report their product list to FDA biannually.

201 **340B and Orphan Drug programs.** Congress mandates that manufacturers participating
202 in Medicaid or Medicare Part B programs enter into a pricing agreement with the federal
203 government (the 340B Drug Pricing Program), which allows safety net providers to receive drug
204 products for outpatient use at discounted prices.^{16,17} Any noncompliance by participating
205 manufacturers should be reported to the Health Services & Resources Agency (HRSA).

206 For rural referral centers, sole community hospitals, critical access hospitals, and free-
207 standing cancer hospitals, drugs designated by the Secretary of HHS under section 526 of the
208 Federal Food, Drug, and Cosmetic Act as orphan drugs for rare diseases are not included in the
209 340B program, so manufacturers are not required to provide 340B program discounts.¹⁸ A
210 manufacturer may, at its sole discretion, offer discounts on orphan drugs. Health systems
211 should contact such manufacturers for a system-based contract with discounts.

212 **Nontraditional pharmaceutical supply chain.** The acquisition of pharmaceuticals in a
213 manner that maintains supply chain integrity is a cornerstone of pharmacy procurement.
214 Alternative, nontraditional supply chains have the potential to threaten the integrity of a
215 health system's procurement practices. These alternative methods may also increase the
216 operational costs to the purchasing organization.

217 Pharmaceuticals acquired outside standard processes, such as through brown, white, or

218 clear bagging, carry significant patient safety implications, and organizations are responsible
219 for ensuring that patient safety and the integrity of the product are maintained.¹⁹ Policies on
220 drug acquisition should be in place to ensure compliance with regulatory and accreditation
221 standards. “Brown bagging” is the process of a patient bringing a personally acquired
222 pharmaceutical into a healthcare setting for administration. It carries significant patient safety
223 implications due to the absence of pharmacy oversight of medication storage. “White bagging”
224 is the practice of an outside outpatient pharmacy billing a patient’s prescription on a pharmacy
225 benefit, then coordinating the delivery and administration of the drug in an outpatient setting.
226 “Clear bagging” is the process of a health system using its own outpatient pharmacy to bill a
227 patient’s prescription on the pharmacy benefit for administration in a clinic owned by the
228 health system; control of product storage is in place and product integrity is maintained.

229

230 **Product safety**

231 Safety in the pharmaceutical supply chain stems from regulatory guidance that defines how
232 suppliers should package medications. Unit dose packaging of medications has long been
233 considered the safest and most effective way to administer medications in an acute care
234 setting. Manufacturers should provide drug products in unit dose packages. If unit dose
235 packaged products are not available, health systems will need to engage in unit dose
236 repackaging, abiding by FDA guidance. Products should be labeled in a way that is clear to the
237 end user and compliant with labeling requirements. For products with special storage
238 requirements, suppliers are responsible for ensuring proper storage conditions throughout the
239 production, shipping, and delivery process. Some important steps to ensure product safety

240 include the following.

- 241 1. To the extent possible, all products should be available in single unit or unit dose
242 packages. These packages should conform to the ASHP Technical Assistance Bulletin on
243 Single Unit and Unit Dose Packages of Drugs.²⁰
- 244 2. When single unit or unit dose packages are not available from suppliers, health systems
245 may conduct unit dose repackaging themselves or engage a supplier that can provide
246 these services. The FDA's Repackaging of Certain Human Drug Products by Pharmacies
247 and Outsourcing Facilities guidance document provides detailed information for
248 repackagers.²¹ Prior to engaging a supplier in conducting unit dose repackaging, health
249 systems should evaluate the package insert of a product in question and refer to section
250 16, How Supplied/Storage and Handling, for unique packaging requirements. If a
251 manufacturer does not provide clear guidance in the package insert, they should
252 provide stability and degradation data to a repackager. Purchasers should ensure
253 repackaging vendors meet all regulatory and labeling guidelines.
- 254 3. To ensure product integrity and the ability to identify the product manufacturer during
255 drug recall or shortage, the name and address of the manufacturer and repackager or
256 distributor should be included on the final dosage form.
- 257 4. Expiration dates should be clearly indicated on the package label. USP General Chapter
258 <7> recommends that expiration dating not exceed 6 months from the date of
259 repackaging, or the manufacturer's expiration date, or 25% of the time between the
260 date of the repackaging and the expiration date shown on the manufacturer's bulk
261 article container of the drug being repackaged, whichever is earlier.²²

- 262 5. Products should also be embedded with a two-dimensional data matrix barcode that
263 consists of serialization data: national drug code, serial number, lot number, and
264 expiration date.
- 265 6. Purchaser should consider reviewing FDA warning letters sent to suppliers to identify
266 whether suppliers have violated FDA standards. These warning letters should be
267 carefully evaluated to consider the risk a supplier's product adds to the pharmaceutical
268 supply chain. FDA 483 forms detail specific, objectionable conditions associated with an
269 FDA inspection that violate the Food Drug and Cosmetic Act.²³
- 270 7. Purchaser should include in supplier contracts a requirement for suppliers to provide
271 the purchaser notice if an FDA 483 citation has been received, along with the corrective
272 action plan to fix the issues in the citation.
- 273 8. Purchaser should receive product from the supplier well before its beyond-use date. The
274 supplier should be able to supply a sufficient amount of product that will not expire
275 before use to meet the purchaser's established usage patterns.

276

277 Product distribution

278 Relationships between organizations and product distributors, including manufacturers,
279 wholesalers, and other direct suppliers, should be clearly defined so that product quality is
280 maintained and the product is ordered and delivered within defined time frames to meet
281 patient needs. Some important aspects of product distribution include the following.

- 282 1. Manufacturers should distribute their product using an open distribution method,
283 allowing health-system pharmacies access to product through their preferred

- 284 wholesaler or through direct or drop-ship relationships.
- 285 2. Unless otherwise specified or required by stability considerations, the interval between
286 a product’s time of delivery and its expiration date should not be less than 12 months.
- 287 3. If the supplier’s supply of the product is inadequate to meet market demand, the
288 process by which the supplier determines allocations for each customer should be
289 transparent to the customers. Although suppliers may prefer to prioritize contracted
290 customers over other customers when products are in short supply, such prioritization
291 should be avoided for medically necessary products when alternative suppliers or
292 equivalent therapeutic options are unavailable.
- 293 4. Manufacturers and wholesalers must comply with all applicable regulations.
- 294 5. Suppliers should ship all goods in a timely manner, freight prepaid, and enclose a
295 packing list with each shipment. All out-of-stock items should be noted, and the
296 anticipated availability of those items should be clearly indicated. There should be no
297 extensive recurrence of back orders.
- 298 6. The process for handling credits, returns, and notifications regarding the issuances and
299 handling of recalls should be transparent to both parties.
- 300 7. Suppliers should have a clear process and policy for handling of short-dated product,
301 including how to process returns if the purchaser receives short-dated product
302 unexpectedly.
- 303 8. Suppliers should have a process for accepting liability and return for shipment of
304 damaged goods.
- 305 9. Suppliers should accept for full credit (based on purchase price), without prior

306 authorization, any unopened packages of goods returned up to 12 months of their
307 expiration date. Credits should be in cash or applied to the institution's account.
308 Suppliers should have a clear process and policy for handling of short-dated product,
309 including return if the purchaser receives short-dated product unexpectedly.

310 10. Purchasers may consider working with a reverse distributor to handle return of short-
311 dated, expired, and recalled products. Suppliers should maintain policies to facilitate
312 credit for products returned in their original packaging near or shortly after the labeled
313 beyond-use date.

314 11. All manufacturers, wholesalers, and distributors must comply with the requirements of
315 DSCSA. A pedigree must be provided or made accessible for each purchased product,
316 documenting the origin of the product at the manufacturer and each purchase and
317 resale.

318 12. The supplier should warrant title to commodities supplied, warrant them to be free
319 from defects and imperfections and fit for any rational use of the product, and
320 indemnify and hold the purchaser harmless against any and all suits, claims, and
321 expenses, including attorneys' fees, damages, and injuries or any claims by third
322 parties relating to the products.

323

324 ***Restricted drug distribution systems.*** Restricted drug distribution systems (e.g., specialty
325 pharmacy distribution systems, risk evaluation and mitigation strategies) should only be used
326 when there are patient safety, limited supply, or special storage issues that require special
327 handling or consolidation of inventory to a few sites. Restricted drug distribution systems can

328 negatively affect patient care by delaying access to products or preventing access by the
329 patient's preferred pharmacy or location of care. Although restricted distribution channels are
330 typically exempt from the negotiated cost-of-goods-sold discounts negotiated by wholesalers
331 and health systems, they should not be used solely to avoid the distribution fees that are
332 involved when using a wholesaler. When used, the manufacturer should supply details of
333 distribution procedures, the decision process for assignment of limited distribution status, and
334 criteria of assigning distribution authority. Certain specialty or high-cost medications may
335 require special considerations; however, suppliers should follow, where possible, established
336 processes on the distribution of these products.

337 Restricted drug distribution systems should be supported by publicly available evidence that
338 they are the least restrictive means to improve patient safety and should not (1) limit patient
339 access to medications; (2) undermine continuity of care; (3) impede population health
340 management; (4) adversely impact patient outcomes; (5) erode patients' relationships with
341 their healthcare providers, including pharmacists; (6) interfere with the professional practice of
342 healthcare providers; or (7) be created for any reason other than patient safety.²⁴

343

344 **Marketing and sales policies**

345 Interactions with suppliers can support the mission and goals of an organization and should
346 work in concert with the organization. These partnerships must not compromise patient
347 confidentiality or interfere with patient care. When conducted ethically and transparently,
348 interactions with suppliers can result in benefits to patients and trainees. Appropriate contacts
349 with supplier sales representatives or medical liaisons can provide learning opportunities about

350 new therapies or new research.²⁵

351 1. The supplier should follow the organization's vendor policy regarding appointments,
352 sales, marketing, education, and contracting activities within the organization.

353 2. The supplier should honor formulary decisions made by the organization's pharmacy
354 and therapeutics committee, and the supplier's sales representatives should comply
355 with the organization's regulations governing their activities.

356 3. The supplier should not offer cash, equipment, or merchandise to the organization or
357 its staff.

358 4. The supplier should not, without the organization's written consent, use any specific
359 pharmacist or organization name in any advertising or other promotional materials or
360 activities.

361 5. The supplier should always discuss pharmaceutical pricing and contract proposals with
362 the pharmacy department leadership prior to discussions with any other health
363 professionals within the organization.

364 6. The supplier should not distribute, post, or leave any type of printed or handwritten
365 materials, advertisements, signs, or other such promotional materials, unless
366 specifically requested in writing by the organization.

367 7. All parties to the bidding process should respect the integrity of the process and the
368 contracts awarded thereby.

369

370 **Contracting and billing**

371 It is imperative that organizations have clear and transparent contracts with their

372 suppliers. All contracts should contain certain core elements. Spending time to develop a
373 set of standard terms and conditions for an organization’s contracts can increase reliability
374 and efficiency of the contracting process and outcome. Health systems should verify
375 pricing on all accounts on a quarterly basis, either internally or through a vendor.

376 Manufacturers and wholesalers should promptly correct and credit any pricing errors.

377 Important elements of a sound contract and billing process include the following.

378 1. Purchasers should collaborate with their strategic sourcing and legal teams to develop
379 and implement standard contract terms and conditions that can serve as a template for
380 new or proposed agreements.

381 2. GPOs can facilitate the development and review of terms and conditions. Many
382 organizations accept GPO base agreements as written, with negotiation only required
383 for terms such as specific pricing or volume commitments.

384 3. Core elements and components of a contract should include the following:

385 a. *Statement of work*: provides a description of intent and key deliverables of the
386 agreement between supplier and purchaser, such as

387 i. Shipment terms

388 ii. Product returns

389 iii. Delivery

390 iv. Recalls

391 b. *Duration*: describes the length of the contract, with renewal terms. Some contracts
392 contain an “evergreen” clause, which automatically renews the contract unless a

- 393 termination notice is provided within a certain period of time in advance of the
394 termination date.
- 395 c. *Exclusivity*: specifies whether an agreement is exclusive for a product, product line,
396 or supplier, or what the expectations are for the agreement to continue.
- 397 d. *Payment terms*: describes the agreed-upon terms for providing payment, which may
398 include incentives or rebates if certain performance thresholds are met. Late fee
399 structures should be straightforward and in alignment with the organization's
400 accounts payable guidelines.
- 401 e. *Termination*: specifies terms for terminating the agreement outside of the specified
402 duration of the contract; such terms may include:
- 403 i. *Termination for cause*: if, for example, there is a material breach of the
404 contract.
- 405 ii. *Termination for convenience*: if one party fails to meet the payment terms
406 (right to cure) or delivery terms (failure to supply).
- 407 iii. *Immediate termination*: if, for example, a party declares bankruptcy or does
408 not meet other terms of the contract such as maintaining insurance.
- 409 f. *Mutual indemnification*: specifies that both parties agree to compensate the other
410 for losses arising from the other's breach of the contract.
- 411 g. *Confidentiality/HIPAA*: describes the obligations of each party regarding
412 confidentiality of shared information, including information governed by the Health
413 Insurance Portability and Accountability Act of 1996 (HIPAA).

- 414 h. *Insurance requirements of both parties*: specifies the types and levels of insurance
415 required by each party to the contract.
- 416 i. *Governing law*: defines which laws govern the contract, should disagreements about
417 the contract arise.
- 418 4. Other contract considerations include the following.
- 419 a. *Payment methods*: an organization may require or prefer specific payment methods,
420 such as electronic data interchange or wire, which should be considered with direct
421 suppliers.
- 422 b. *Price changes*: purchasers may prefer or require notice of any price changes, and
423 could include a requirement in the contract terms; such terms may include limits on
424 annual changes to prices outside of pre-specified terms (e.g., significant changes to
425 raw material costs).
- 426 c. *Late fees*: purchasers should scrutinize complex late fee structures.
- 427 d. *Bundling of services or products*: consideration may be given to combining some or
428 all services or products provided by a company to negotiate additional benefits,
429 including cost of goods decreases, rebates, or other value-add services, such as
430 education or consultation.
- 431 e. Contracts may come with certain formulary or access requirements. Decisions on
432 formulary status should be deferred to the organization's pharmacy and
433 therapeutics committee, with consideration of applicability or governance in
434 nonhospital settings (e.g., physician clinics, infusion centers, home infusion,

435 ambulatory care centers, retail pharmacies). Where applicable, alternative sites of
436 care or classes of trade should be addressed in the contract terms.

437

438 **Responsibilities of the purchaser**

439 The responsibilities of the purchaser, in which the chief pharmacy officer (CPO) has an
440 important role, include promoting beneficial business partnerships and practices, ensuring
441 sound bidding procedures, defining the role of GPOs, and establishing vendor access policies.

442 ***Role of the CPO.*** Pharmacy leadership should ensure that the pharmacy department
443 serves as the primary conduit for information on distributors, medications, and best practices.
444 The CPO must be an active member of discussions regarding the pharmaceutical industry. The
445 CPO should encourage alignment of purchasing practices across a health system to attain cost
446 savings and formulary consistency. The pharmacy executive should engage with the health-
447 system government relations division to advocate on behalf of the pharmacy department and
448 ensure strong supplier representative policies exist.²⁵

449 Pharmacy leadership should build and maintain relationships with internal health-
450 system stakeholders, including staff responsible for informatics, finance, legal matters, and the
451 supply chain. These relationships are crucial to ensuring the existence of bi-directional
452 communication of supplier data for compliance with DSCSA, financial implications and legality
453 of vendor contracts, and ensuring the integrity of the nonpharmaceutical supply chain. The CPO
454 should also partner with informatics and data analytics professionals to conduct supply chain
455 market trend monitoring to maintain a competitive advantage and improve decision-making on
456 strategic initiatives.

457 ***Business partnerships and practices.*** Suppliers and health systems can become valued
458 partners. It is important that these relationships be purposeful and beneficial to both parties,
459 and that business practices like those outlined below are put in place to maximize these
460 relationships.

- 461 1. The purchaser should ensure the supplier is supporting health-system goals across all
462 sites of care when creating a partnership with a supplier.
- 463 2. Purchasers should work to become a "customer of choice" by creating an
464 environment that welcomes and encourages partnerships with high-performing
465 suppliers.
- 466 3. Purchasers should select appropriate outsourcing facilities that meet the safety and
467 efficiency goals of the health system.
- 468 4. Purchasers should encourage purposeful supplier diversity and partnerships to
469 manage risk, and should choose suppliers with sound sustainability practices.
- 470 5. Purchasers should review the manufacturer's emergency management and
471 mitigation strategy policies in evaluating a partnership.
- 472 6. Purchasers should work with suppliers to establish quarterly business reviews for
473 important partners. Suppliers should come prepared to talk about how they can help
474 the purchaser achieve their goals through value-added products or services.
- 475 7. Purchasers should practice strategic sourcing and opportunistic buying, working with
476 the partner to identify these opportunities as well as mitigating for anticipated supply
477 stressors.
- 478 8. Purchasers should consider developing a strategic sourcing committee. This group

479 would be responsible for identifying systemwide savings opportunities through
480 contracting and negotiation, through GPO and/or direct supplier and manufacturer
481 relationships, and track realized savings to demonstrate value.

482 9. Purchasers should leverage their internal resources and expertise (e.g., supply chain,
483 sourcing, legal, risk management) to support supplier evaluation and contract
484 management. In addition, partnering with the purchasing and contracting
485 departments is key to building an optimized contracting model. Ideally, a purchaser
486 should develop a centrally managed, structured contracting process, with
487 performance metrics to improve quality.

488 10. Suppliers should work to provide a transparent and supportive sales process that
489 meets the needs of the purchaser while supporting the business goals of the
490 organization.

491 11. Suppliers should follow through on commitments and be responsive to the needs of
492 the purchaser.

493 **Bidding procedures.** It may be desirable to purchase drugs or other commodities on
494 a competitive bid basis. The purchaser should ensure that competitive bidding procedures
495 conform to the guidelines below.

496 1. Invitations to bid should be mailed to the suppliers' home offices, with copies to their
497 local representatives (if any), unless suppliers specify otherwise.

498 2. Potential bidders should be given no less than 3 weeks to submit a bid.

499 3. The opening date for bids should be specified and honored by the purchaser.

500 4. The language of the invitation to bid should be clear and should indicate the person

- 501 (and organization address and telephone number) the bidder should contact in the
502 event of questions or problems. Specifications should be complete with respect to
503 products, packaging, presentations, and quantities desired.
- 504 5. The invitation to bid should specify whether a specific form should be used, or if the
505 supplier's template can be used to complete the bid. If bidding forms are used, they
506 should contain adequate space for the bidder to enter the information requested.
- 507 6. The winning bidder should be notified in writing. Unsuccessful bidders should also be
508 informed.
- 509 7. The quantities specified in the invitation to bid should be a reasonable estimate of
510 requirements.
- 511 8. If the invitation to bid is offered on behalf of a group of purchasers, the individual
512 members of the group should not engage in bidding procedures of their own and
513 should purchase the goods in question from the winning bidder.

514 **Role of GPOs.** GPOs can be important partners in helping to maintain, evaluate, and
515 maximize the efficiency of the procurement process. GPOs have matured to offer many value-
516 added services beyond purchasing. These services may include drug information, networking,
517 professional development, consulting, and many other services.²⁶

- 518 1. The purchaser's leadership should leverage their GPO to help monitor any
519 outsourced organizations, pharmacies, and suppliers.
- 520 2. In multi-hospital systems, one GPO should be used across all sites to drive purchasing
521 power and achieve volume-based discounts. Pharmacy leadership should play an
522 active role in the recommendation and selection of the GPO.

- 523 3. The GPO should be able to monitor and evaluate pricing, contract compliance,
524 purchasing habits, and shifts in the marketplace.
- 525 4. Pharmacy leadership should maximize the value of their GPO by participating in
526 various networking, professional development, and consulting arrangements that are
527 offered.
- 528 5. Pharmacy leaders should be aware of shareback fees, rebates, and other financial
529 drivers associated with GPO membership.

530 **Vendor access.** Purchasers should have consistent vendor accessibility practices across
531 the organization. A vendor liaison office (VLO) should be established either within the
532 department of pharmacy or the supply chain team with the purpose of managing vendor
533 representatives for the organization.²⁷ The VLO should be in charge of registering and badging
534 vendors, maintaining a database of vendors and monitoring their activities, and ensuring that
535 vendor representatives have an appropriate amount of access to patient care areas.

536

537 **Conclusion**

538 These guidelines provide criteria pharmacists should consider when purchasing pharmaceutical
539 products from suppliers, recommendations to optimize the purchasing process, and a
540 description of the responsibilities of suppliers and purchasers. The recommendations in these
541 guidelines are written to establish reasonable goals, to be progressive and challenging, yet
542 attainable as best practices in applicable settings, and do not represent minimum levels of
543 practice. Readers are encouraged to exercise their professional judgment in assessing and
544 adapting these recommendations to meet their specific needs.

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When approved, these guidelines will supersede the ASHP Guidelines for Selecting Pharmaceutical Manufacturers and Suppliers dated November 14, 1990.

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